BLM

Draft Environmental Impact Statement and Land-Use Plan Amendments for the Energy Gateway South Transmission Project

BLM/WY/PL-14/009+5001
Case File: WYW-174597

Wyoming State Office

NATIONAL SYSTEM OF PUBLIC LANDS
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

February 2014

Volume II
Maps

U.S. Department of the Interior
Bureau of Land Management

Draft Environmental Impact Statement and Land-use Plan Amendments for the Energy Gateway South Transmission Project

BLM/WY/PL-14/009+5101
Case File: WYW-174597

Volume I-B

BLM Wyoming State Office
5353 Yellowstone Road
Cheyenne, Wyoming 82009

Cooperating Agencies
U.S. Forest Service – Intermountain Region
U.S. Army Corps of Engineers – South Pacific Division
U.S. Army Environmental Center
U.S. Department of Defense – Navy Region Southwest
Bureau of Indian Affairs – Western Region
U.S. Fish and Wildlife Service – Mountain-Prairie Region
National Park Service
Utah Reclamation Mitigation and Conservation Commission
State of Wyoming
State of Colorado
State of Utah
Carbon and Sweetwater counties, Wyoming
Mesa, Moffat, and Rio Blanco counties, Colorado
Carbon, Duchesne, Emery, Grand, Juab, Sanpete, Uintah, and Wasatch counties, Utah
Wyoming Conservation Districts (Little Snake River, Medicine Bow, Saratoga-Encampment-Rawlins, Sweetwater County)

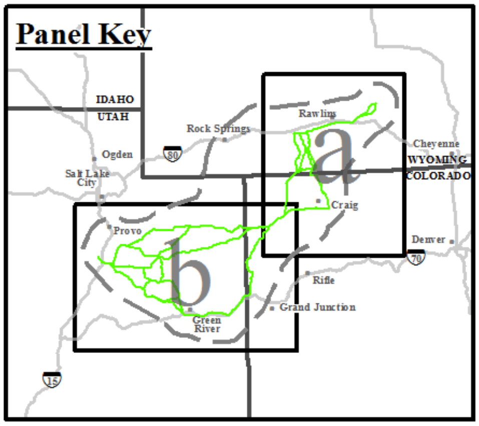
February 2014

BLM Mission

To sustain the health, diversity, and productivity of the public lands for the use and enjoyment of present and future generations.

ABOUT THE MAP VOLUME

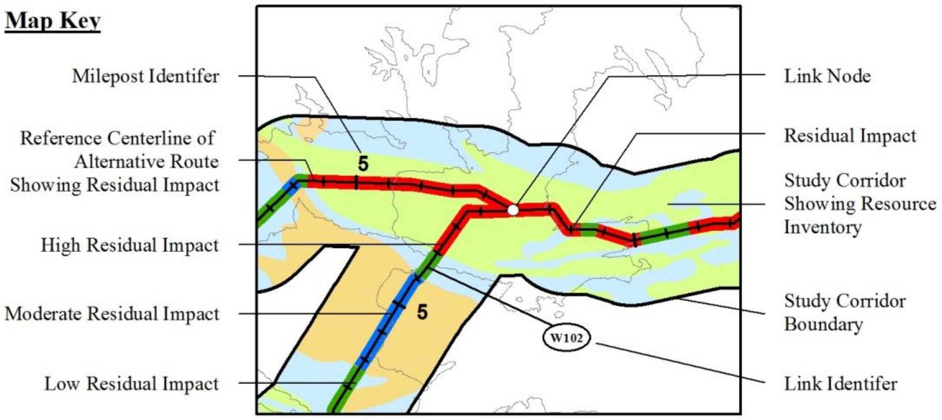
This map volume (MV) accompanies the Draft Environmental Impact Statement (EIS) for the Energy Gateway South Transmission Project (Project), a proposed transmission line from the planned Aeolus Substation in Carbon County, Wyoming, to the planned Clover Substation (currently under construction) in Juab County, Utah.



The map volume contains 1 map showing construction access levels that predict (1) the general type of access required for each mile of alternative route and (2) the associated disturbance, 23 maps showing resource inventory and impacts, and 2 maps showing past, present, and reasonably foreseeable future actions (cumulative effects). Each map is divided into two panels illustrating two portions of the Project area. The north-easternmost panel (panel a) illustrates the alternative route from Aeolus Substation to the area near Massadona, Colorado (located approximately 20 miles east of Dinosaur, Colorado). Panel b illustrates the alternative routes from the Massadona area to the Clover Substation.

Every map includes the same base information such as place and feature names, major highways and roads, and existing linear facilities (e.g., transmission lines and pipelines). Each map also includes certain basic Project information such as the alternative routes and substations.

The alternative routes are delineated on the maps and show the reference centerline, centered in the route corridor. Each route is divided into distinct segments referred to as links, which are numbered generally from northeast to southwest. It should be noted data are documented in a geographic information system (GIS) for every tenth mile and often reported in tables supporting the text in the EIS in tenths of a mile. However, for legibility, each link is marked on the maps at every mile; the markers are referred to as mileposts.



The width of the study corridor inventoried varies depending on the resource being addressed. Earth, water, biological, paleontological, and land use and recreation resources were inventoried within a 2-mile-wide study corridor (1 mile on either side of the reference centerline). Cultural resources were inventoried within a 4-mile-wide study corridor (2 miles on either side of the reference centerline). Visual resources were inventoried within a 6-mile-wide study corridor (3 miles on either side of the reference centerline). The inventoried baseline data are shown in the study corridor and impacts are shown along the reference centerline.

Each map consolidates and illustrates a variety of different information and each legend explains the information unique to each map.

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MV-26 Reasonably Foreseeable Future Actions

LIST OF ACRONYMS AND ABBREVIATIONS

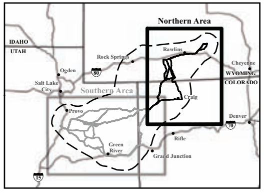
AGRC	Automated Geographic Reference Center
BLM	Bureau of Land Management
DRMS	Colorado Division of Reclamation, Mining and Safety
EPG	Environmental Planning Group
IRA	Inventoried Roadless Area
NED	National Elevation Dataset (USGS)
USDOT	U.S. Department of Transportation
USGS	U.S. Geological Survey
U/U	Unroaded/Undeveloped Area

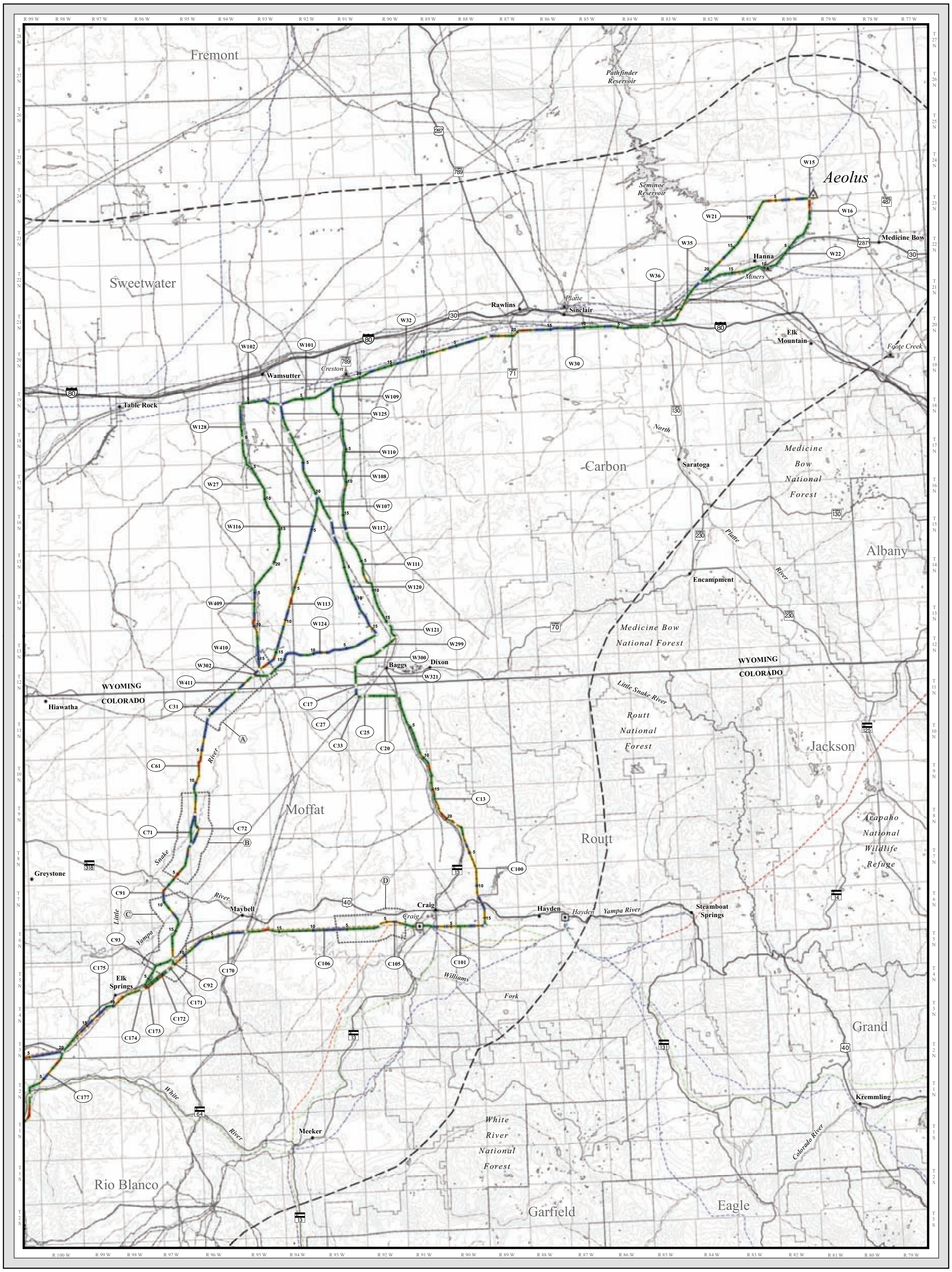
MV-1a

Construction Access Levels

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



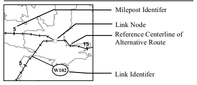


Resource Inventory

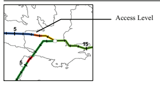
CONSTRUCTION ACCESS LEVELS

🟩	1 - Use existing roads
🟩	2 - Improve existing roads
🟦	3 - Construct new access, flat to rolling terrain (0 to 8 percent slope)
🟨	4 - Construct new access, rolling terrain (8 to 15 percent slope)
🟧	5 - Construct new access, steep terrain (15 to 30 percent slope)
🟥	6 - Construct new access, very steep terrain (greater than 30 percent slope)

Inventory Key



Access Level Key



Project Features

[ ]	Project Area Boundary	+++++	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚-Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	-·-·-	River or Stream
- - -	230kV Transmission Line	▭	State Boundary
- - -	138kV Transmission Line	▭	County Boundary
+++	Railroad	▭	Jurisdictional Boundary
•—•	Pipeline		

Sources:

Construction Access Levels, EPG 2012;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
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Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

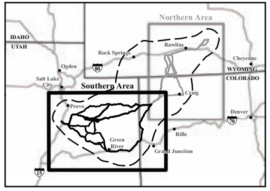
MV-1b

Construction Access Levels

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index



Resource Inventory

CONSTRUCTION ACCESS LEVELS

- 🟩 1 - Use existing roads
- 🟩 2 - Improve existing roads
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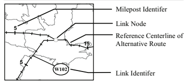
- 🟧 5 - Construct new access, steep terrain (15 to 30 percent slope)
- 🟥 6 - Construct new access, very steep terrain (greater than 30 percent slope)

Inventory Key



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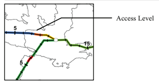

Project Features

[ ] Project Area Boundary	Alternative Route
△ Substation (Project Terminal)	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
Series Compensation Station Siting Area	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

● City or Town	Interstate Highway
▲ Substation	U.S. Highway
▣ Power Plant	State Highway
500kV Transmission Line	▨ Lake or Reservoir
345kV Transmission Line	River or Stream
230kV Transmission Line	State Boundary
138kV Transmission Line	County Boundary
Railroad	Jurisdictional Boundary
Pipeline	

Sources:

Construction Access Levels, EPG 2012;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
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Notes:

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- Contour interval: 150 meters

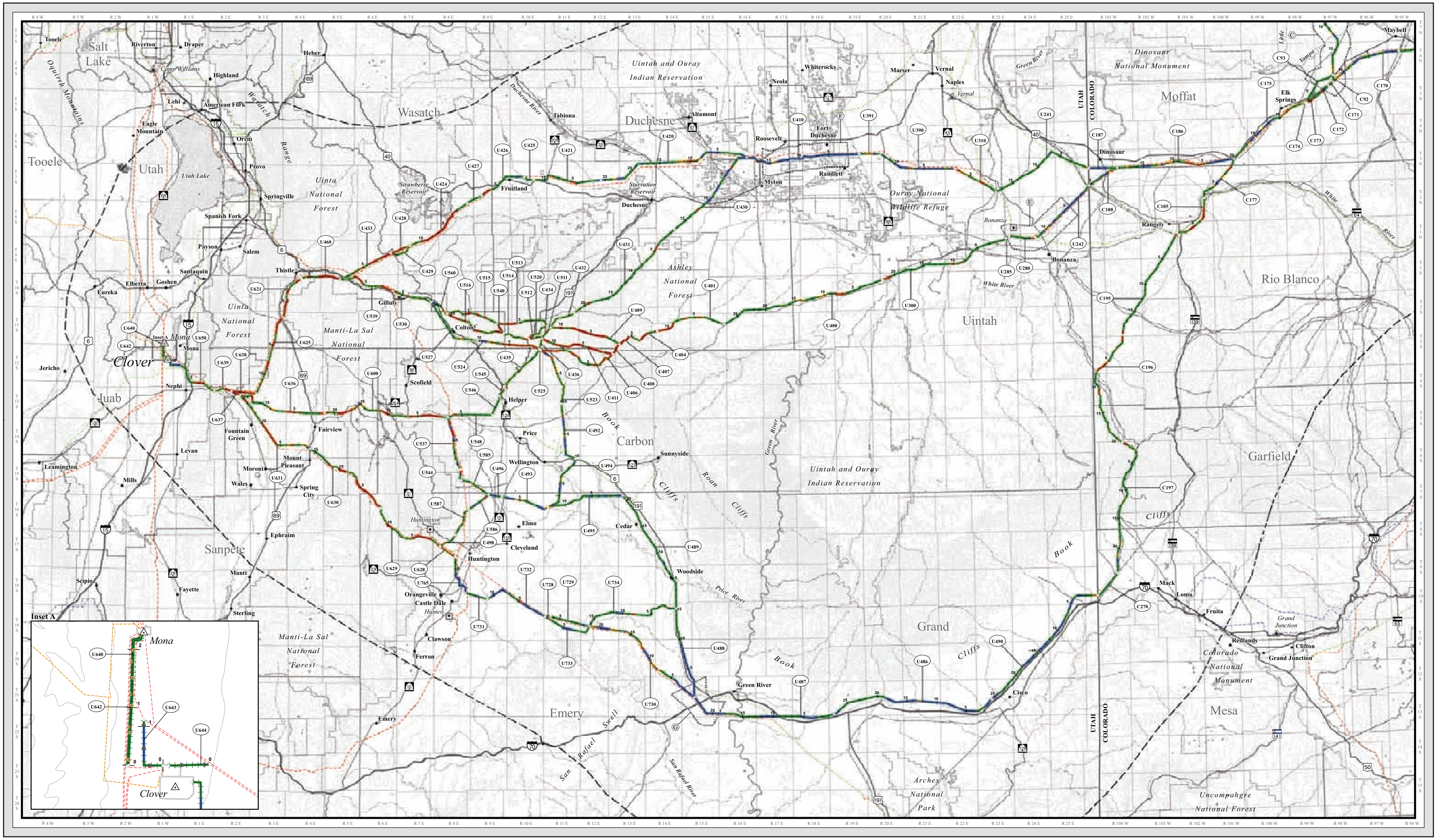
DRAFT EIS

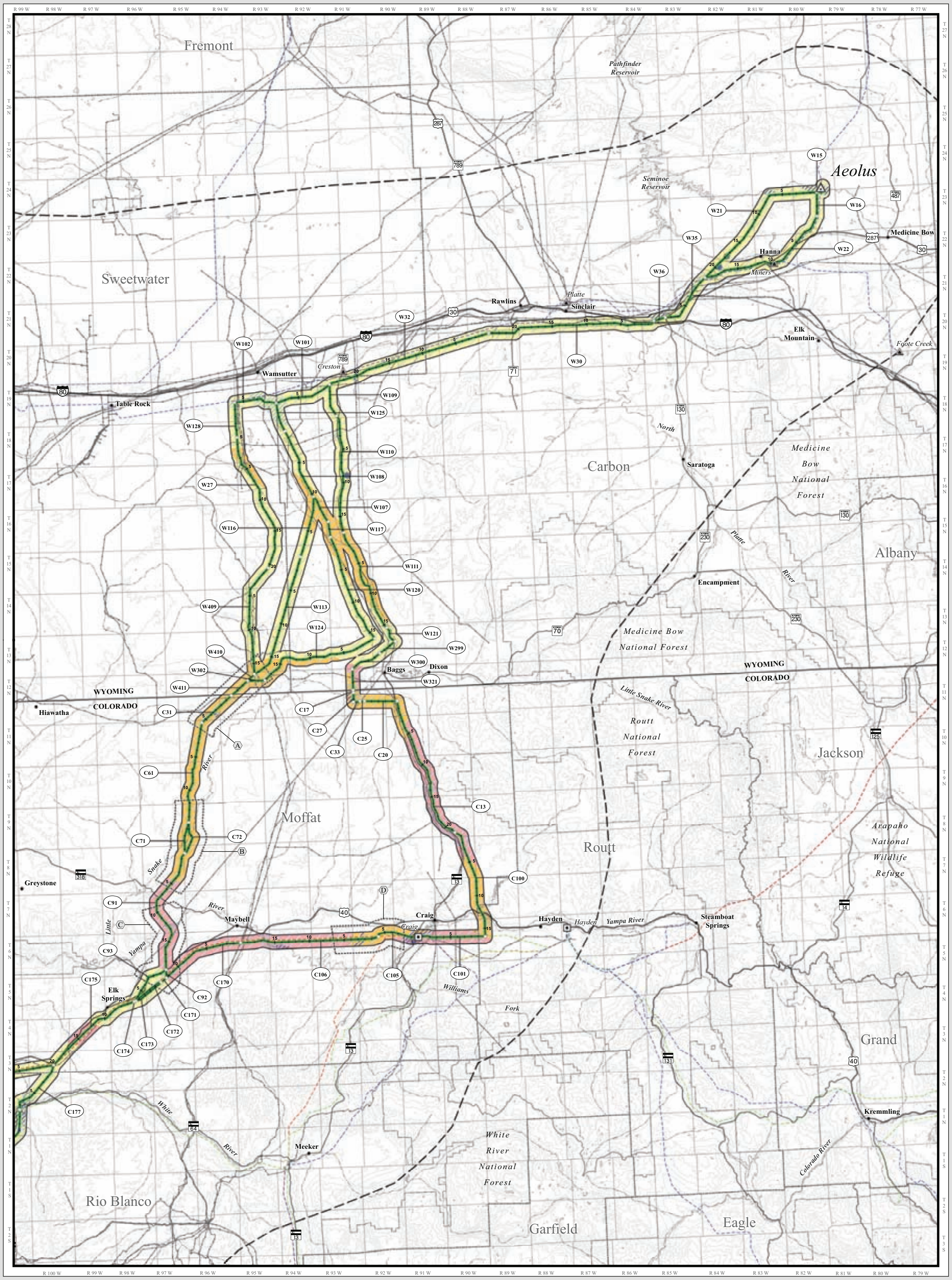
February 2014

Scale in Miles

0 3 6 12 18 Miles

1:380,160 or 1 inch = 6 miles



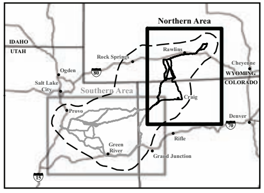


MV-2a

Geologic Hazards

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

EARTHQUAKE[1]

- — Quaternary Fault
- ✱ Earthquake Epicenter

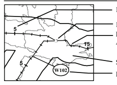
FLOOD[1]

- ▨ Low Hazard Area
- ▨ Moderate Hazard Area
- ▨ High Hazard Area

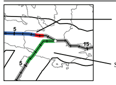
LANDSLIDE[1]

- 🟨 Low Hazard Area
- 🟧 Moderate Hazard Area
- 🟥 High Hazard Area

Inventory Key



Impact Key



Impact Levels

- 🟥 High
- 🟦 Moderate
- 🟩 Low
- ▬ No Identifiable

Project Features

- Project Area Boundary
- △ Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- ● City or Town
- ▲ Substation
- ▣ Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- Interstate Highway
- U.S. Highway
- State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

Quaternary Faults, USGS 2012a; Earthquake Epicenters, USGS 2012b;
Flood Hazard Areas, National Pipeline Mapping System 1996;
Landslide Hazard Areas, National Pipeline Mapping System 1995;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
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Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Geologic hazards are only shown within the 2-mile-wide earth resources study corridor.
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February 2014

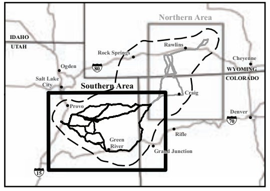
Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

MV-2b

Geologic Hazards

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

EARTHQUAKE[1]

- Quaternary Fault
- ✱ Earthquake Epicenter

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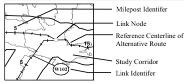
- ▨ Low Hazard Area
- ▨ Moderate Hazard Area
- ▨ High Hazard Area

LANDSLIDE[1]

- 🟨 Low Hazard Area
- 🟧 Moderate Hazard Area
- 🟥 High Hazard Area

Inventory Key



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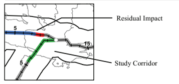

Impact Levels

- 🟥 High
- 🟦 Moderate
- 🟩 Low
- ▬ No Identifiable

Project Features

- [ ] Project Area Boundary
- △ Substation (Project Terminal)
- Ⓐ Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- ● City or Town
- ▲ Substation
- ▣ Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- 70 Interstate Highway
- 40 U.S. Highway
- 24 State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

Quaternary Faults, USGS 2012a; Earthquake Epicenters, USGS 2012b;
Flood Hazard Areas, National Pipeline Mapping System 1996;
Landslide Hazard Areas, National Pipeline Mapping System 1995;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
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DRAFT EIS
February 2014

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0 3 6 12 18
Miles
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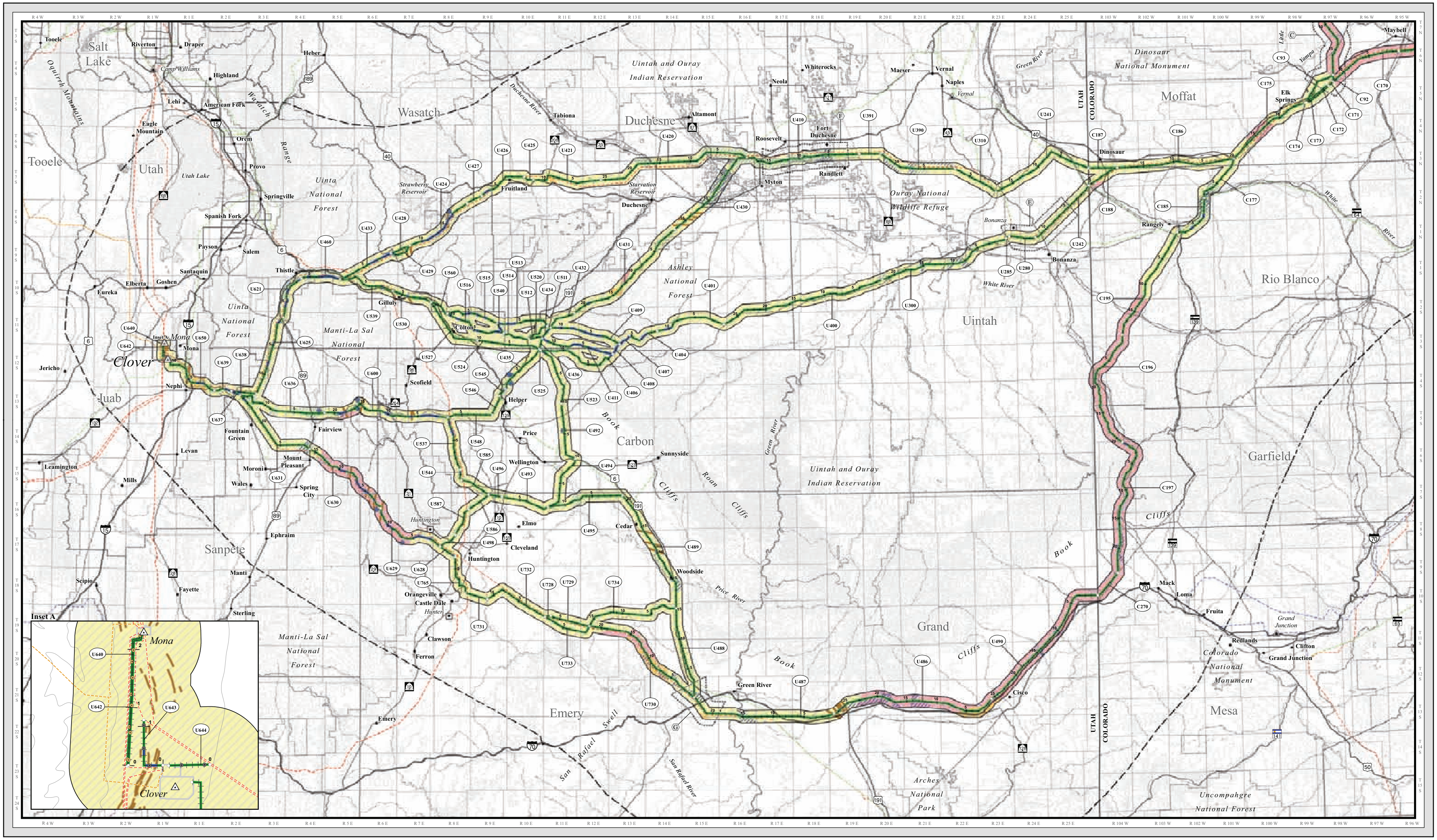
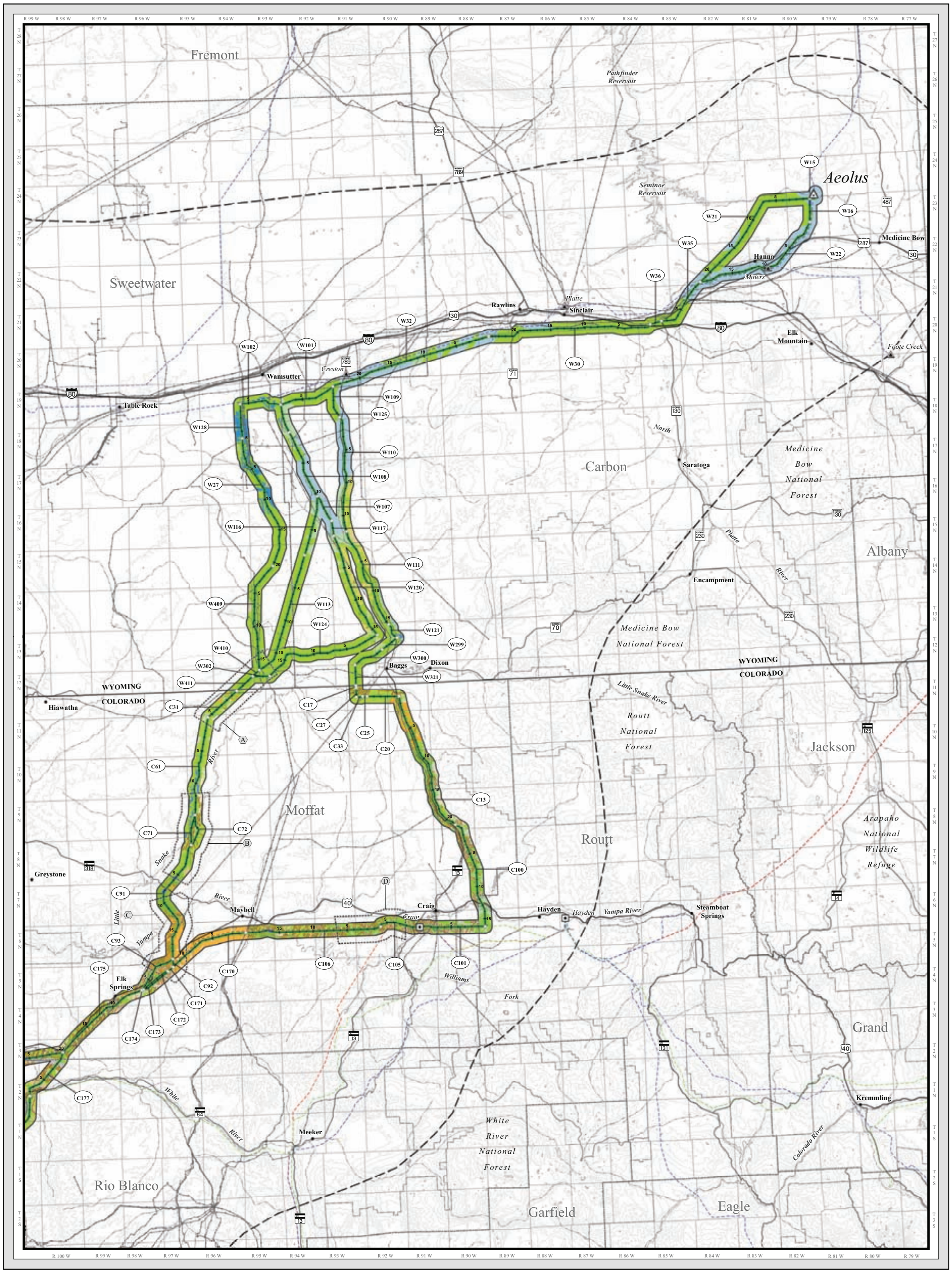


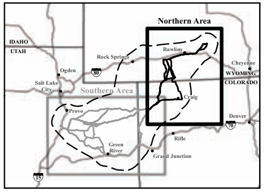


MV-3a

Soil Resources

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

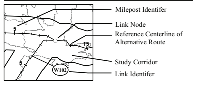
PRIME FARMLAND[1]

- ▨ Prime Farmland

SOIL EROSION SUSCEPTIBILITY[1]

■	Low Water/NA[2] Wind Erosion Susceptibility	■	Low Water/High Wind Erosion Susceptibility
■	Moderate Water/NA[2] Wind Erosion Susceptibility	■	Moderate Water/Low Wind Erosion Susceptibility
■	High Water/NA[2] Wind Erosion Susceptibility	■	Moderate Water/Moderate Wind Erosion Susceptibility
■	NA[2] Water/Low Wind Erosion Susceptibility	■	Moderate Water/High Wind Erosion Susceptibility
■	NA[2] Water/Moderate Wind Erosion Susceptibility	■	High Water/Low Wind Erosion Susceptibility
■	NA[2] Water/High Wind Erosion Susceptibility	■	High Water/Moderate Wind Erosion Susceptibility
■	Low Water/Low Wind Erosion Susceptibility	■	High Water/High Wind Erosion Susceptibility
■	Low Water/Moderate Wind Erosion Susceptibility	▨	NA[2] Water/NA[2] Wind Erosion Susceptibility

Inventory Key



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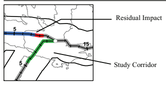

Impact Levels

▬	High	▬	Low
▬	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	┼┼┼┼	Alternative Route
△	Substation (Project Terminal)	●─●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚─(A)	Series Compensation Station Siting Area	●─●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - - -	500kV Transmission Line	▒	Lake or Reservoir
- - - -	345kV Transmission Line	—··—	River or Stream
- - - -	230kV Transmission Line	□	State Boundary
- - - -	138kV Transmission Line	⬚	County Boundary
┼┼┼	Railroad	⬚	Jurisdictional Boundary
●─●	Pipeline		

Sources:
SSURGO Prime Farmland as compiled by EPG, NRCS 2011;
SSURGO Soil Erosion Susceptibility as compiled by EPG, NRCS 2011;
STATSGO Soil Erosion Susceptibility, NRCS 2006;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
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Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Prime farmland and soil erosion susceptibility classifications are only shown within the 2-mile-wide earth resources study corridor.

[2] NA = Data not available

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
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- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
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1:380,160 or 1 inch = 6 miles

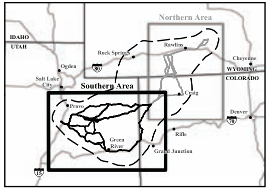
MV-3b

Soil Resources

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index



Resource Inventory

PRIME FARMLAND[1]

▨ Prime Farmland

SOIL EROSION SUSCEPTIBILITY[1]

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- Moderate Water/NA[2] Wind Erosion Susceptibility
- High Water/NA[2] Wind Erosion Susceptibility
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- NA[2] Water/Moderate Wind Erosion Susceptibility
- NA[2] Water/High Wind Erosion Susceptibility
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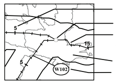
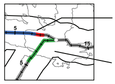
- Low Water/Moderate Wind Erosion Susceptibility
- Low Water/High Wind Erosion Susceptibility
- Moderate Water/Low Wind Erosion Susceptibility
- Moderate Water/Moderate Wind Erosion Susceptibility
- Moderate Water/High Wind Erosion Susceptibility
- High Water/Low Wind Erosion Susceptibility
- High Water/Moderate Wind Erosion Susceptibility
- High Water/High Wind Erosion Susceptibility
- ▨ NA[2] Water/NA[2] Wind Erosion Susceptibility

Inventory Key



Impact Key



Impact Levels

🟥	High	🟩	Low
🟦	Moderate	⬜	No Identifiable

Project Features

- Project Area Boundary
- △ Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- • City or Town
- ▲ Substation
- ▣ Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- Interstate Highway
- U.S. Highway
- State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

SSURGO Prime Farmland as compiled by EPG, NRCS 2011;
SSURGO Soil Erosion Susceptibility as compiled by EPG, NRCS 2011;
STATSGO Soil Erosion Susceptibility, NRCS 2006;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Prime farmland and soil erosion susceptibility classifications are only shown within the 2-mile-wide earth resources study corridor.

[2] NA = Data not available

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

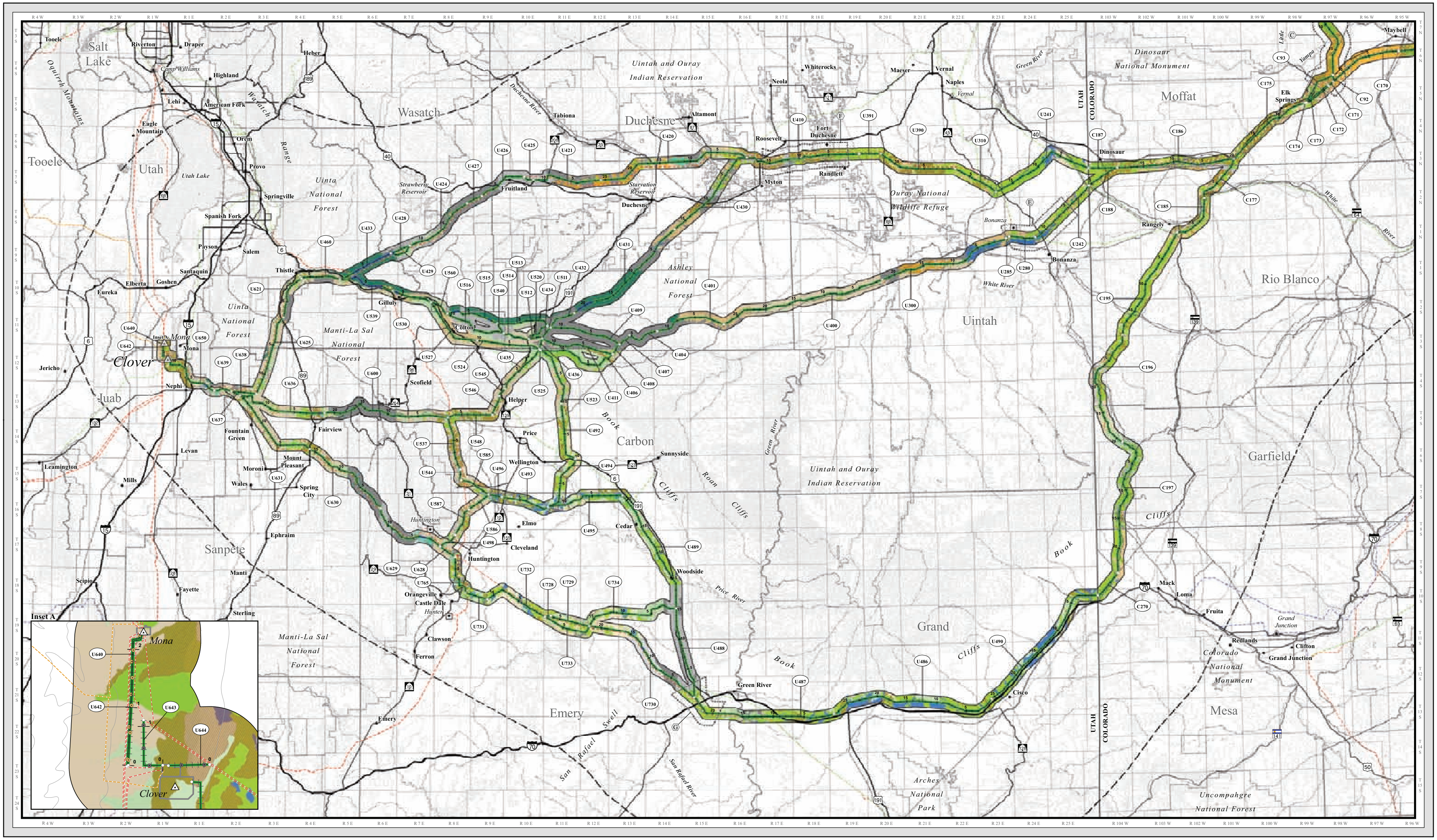
DRAFT EIS

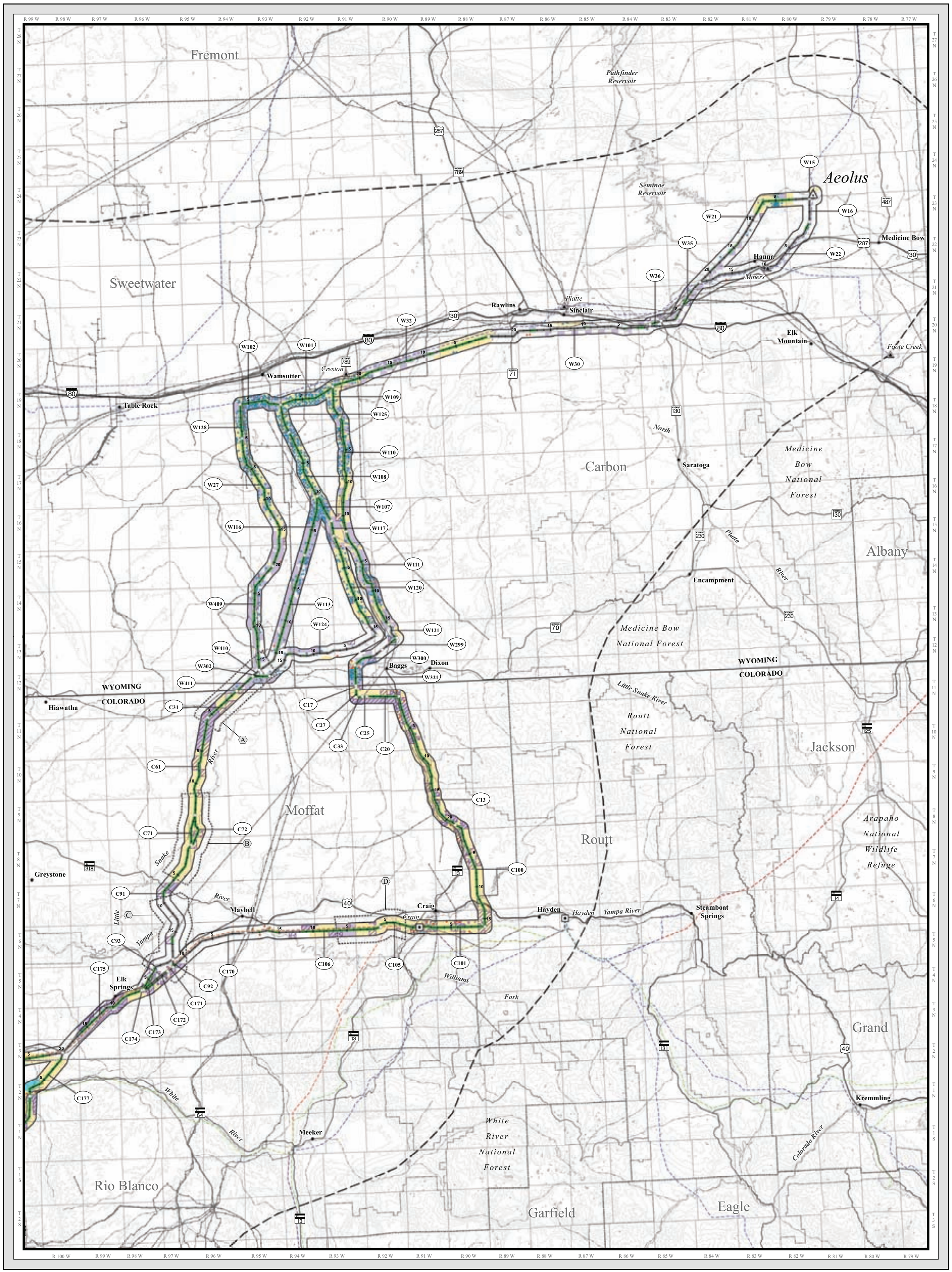
February 2014

Scale in Miles

0 3 6 12 18 Miles

1:380,160 or 1 inch = 6 miles





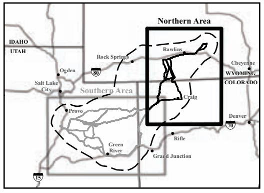
MV-4a

Mineral Resources

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index

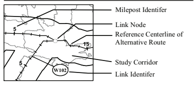


Resource Inventory

MINERAL RESOURCES[1]

●	Geothermal Lease	🟩	Active Mining Claim
●	Permitted Mine	🟪	Coal/Other Lease
● 🟦	Active Mine/Producing Well	▨	Oil and Gas Lease
● 🟨	Potential Mineral Resource		

Inventory Key



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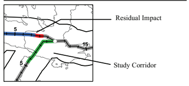

Impact Levels

🟥	High	🟩	Low
🟦	Moderate	⬜	No Identifiable

Project Features

[ ]	Project Area Boundary	+-+-+	Alternative Route
△	Substation (Project Terminal)	●-●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
[ ]-Ⓐ	Series Compensation Station Siting Area	●-●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

●	City or Town	80	Interstate Highway
▲	Substation	40	U.S. Highway
■	Power Plant	24	State Highway
- - -	500kV Transmission Line	▒	Lake or Reservoir
- - -	345kV Transmission Line	—··—	River or Stream
- - -	230kV Transmission Line	☐	State Boundary
- - -	138kV Transmission Line	☐	County Boundary
+-+-+	Railroad	☐	Jurisdictional Boundary
●-●-●	Pipeline		

Sources:

Utah Geothermal Locations, UGS 1999; Utah Permitted Mines as digitized by EPG, UGS 1999;
Wyoming Permitted Mines, USGS 2005; Colorado Permitted Mines, Colorado DRMS 2008;
Utah Oil and Gas Wells, Utah DNR 2011; Garfield County Oil and Gas Wells, COGCC 2011, Garfield County, CO 2011;
Wyoming Oil and Gas Wells, Wyoming Oil and Gas Commission 2011, USGS 2011; Deserado Coal Mine, BLM 2009g;
Utah Coal Mines, UDNR 2013b, UGS 2011; Wyoming Coal Mines, Wyoming DEQ 2011; Oil and Gas Projects, BLM 2011; Garfield County Oil and Gas Fields, COGCC 1999; Colorado Oil and Gas Potential, BLM 2012x;
Utah Oil and Gas Potential, AGRC 2001, BLM 2012ad, 2012ag, Utah DNR 2009, UTDOGM 2001; Wyoming Oil and Gas Potential, WLCI 2010; Oil and Gas Potential as compiled by EPG, BLM 1998b, 2005f, 2007c, 2007g, 2011s, 2012aj, URMCC 2013c, USFS 2012; Wyoming Oilfields, USGS 2011; Wyoming Bentonite, USBM 1990; Wyoming Minerals, USGS 2005; Wyoming Coal Potential, WLCI 2010; Wyoming Oil Shale, WLCI 2011; Wyoming Metals, USGS 2011;
Wyoming Zeolite, WLCI 2011; Utah Phosphate Deposits, AGRC 2001; Utah Potash Deposits, AGRC 2001;
Utah Geothermal Zones, AGRC 2011; Utah Uranium, UGS 2005; Utah Oil Shale Deposits, AGRC 2001;
Utah Minerals, AGRC 1999, 2001, UTDOGM 2001; Utah Tar Sands, UGS 1999; Utah Coal Seams, AGRC 2010;
Utah Coal-bearing Rocks, UGS 2006; Colorado Coal Potential, BLM 1998; Piceance Basin, Garfield County, CO 2011;
Active Mine Claims (LR2000), BLM/Premier Data Services/Xedar Corporation 2012;
Coal/Other Leases (LR2000), BLM/Premier Data Services/Xedar Corporation 2012; Coal Leases as compiled by EPG, BLM 2012y, 2012av, TetraTech 2012, USFS 2013e; Coal Leases, Wyoming Office of State Lands and Investments 2013b;
Colorado Oil and Gas Leases, BLM 2012, Colorado State Land Board 2012; Utah Oil and Gas Leases, BLM 2013, SITLA 2013; Wyoming Oil and Gas Leases, BLM 2011, Wyoming Office of State Lands and Investments 2013c;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
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Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011; Water Features, ESRI 2008, USGS 2010a;
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Notes:

[1] Mineral resources are only shown within the 2-mile-wide earth resources study corridor.
- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

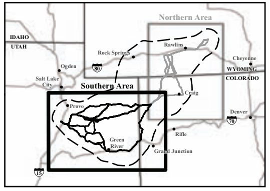
MV-4b

Mineral Resources

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index

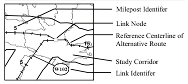


Resource Inventory

MINERAL RESOURCES

- ● Geothermal Lease
- ● Permitted Mine
- ● 🟦 Active Mine/Producing Well
- ● 🟨 Potential Mineral Resource
- 🟩 Active Mining Claim
- 🟪 Coal/Other Lease
- ▨ Oil and Gas Lease

Inventory Key



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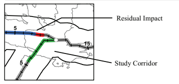


Impact Levels

- 🟥 High
- 🟦 Moderate
- 🟩 Low
- ▬ No Identifiable

Project Features

- Project Area Boundary
- △ Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- ● City or Town
- ▲ Substation
- ▣ Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- Interstate Highway
- U.S. Highway
- State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

Utah Geothermal Locations, UGS 1999; Utah Permitted Mines as digitized by EPG, UGS 1999; Wyoming Permitted Mines, USGS 2005; Colorado Permitted Mines, Colorado DRMS 2008; Utah Oil and Gas Wells, Utah DNR 2011; Garfield County Oil and Gas Wells, COGCC 2011, Garfield County, CO 2011; Wyoming Oil and Gas Wells, Wyoming Oil and Gas Commission 2011, USGS 2011; Deserado Coal Mine, BLM 2009g; Utah Coal Mines, UDNR 2013b, UGS 2011; Wyoming Coal Mines, Wyoming DEQ 2011; Oil and Gas Projects, BLM 2011; Garfield County Oil and Gas Fields, COGCC 1999; Colorado Oil and Gas Potential, BLM 2012x; Utah Oil and Gas Potential, AGRC 2001, BLM 2012ad, 2012ag, Utah DNR 2009, UTDOGM 2001; Wyoming Oil and Gas Potential, WLCI 2010; Oil and Gas Potential as compiled by EPG, BLM 1998b, 2005f, 2007c, 2007g, 2011s, 2012aj, URMCC 2013c, USFS 2012; Wyoming Oilfields, USGS 2011; Wyoming Bentonite, USBM 1990; Wyoming Minerals, USGS 2005; Wyoming Coal Potential, WLCI 2010; Wyoming Oil Shale, WLCI 2011; Wyoming Metals, USGS 2011; Wyoming Zeolite, WLCI 2011; Utah Phosphate Deposits, AGRC 2001; Utah Potash Deposits, AGRC 2001; Utah Geothermal Zones, AGRC 2011; Utah Uranium, UGS 2005; Utah Oil Shale Deposits, AGRC 2001; Utah Minerals, AGRC 1999, 2001, UTDOGM 2001; Utah Tar Sands, UGS 1999; Utah Coal Seams, AGRC 2010; Utah Coal-bearing Rocks, UGS 2006; Colorado Coal Potential, BLM 1998; Piceance Basin, Garfield County, CO 2011; Active Mine Claims (LR2000), BLM/Premier Data Services/Xedar Corporation 2012; Coal/Other Leases (LR2000), BLM/Premier Data Services/Xedar Corporation 2012; Coal Leases as compiled by EPG, BLM 2012y, 2012av, TetraTech 2012, USFS 2013e; Coal Leases, Wyoming Office of State Lands and Investments 2013b; Colorado Oil and Gas Leases, BLM 2012, Colorado State Land Board 2012; Utah Oil and Gas Leases, BLM 2013, SITLA 2013; Wyoming Oil and Gas Leases, BLM 2011, Wyoming Office of State Lands and Investments 2013c; Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999; Series Compensation Station Siting Areas, Rocky Mountain Power 2013; City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009; Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013; Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008; Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011; Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008; Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Mineral resources are only shown within the 2-mile-wide earth resources study corridor.

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

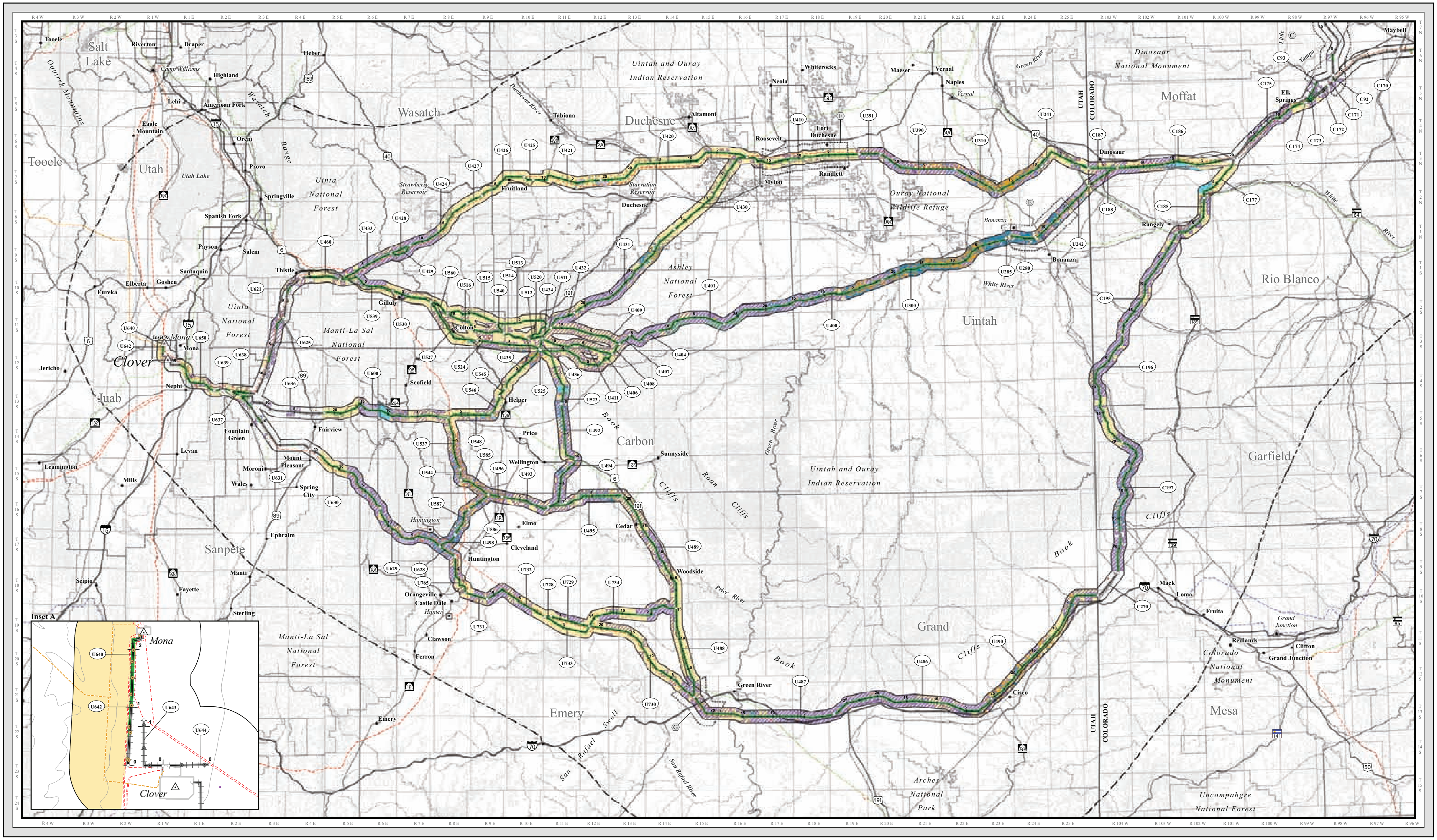
DRAFT EIS

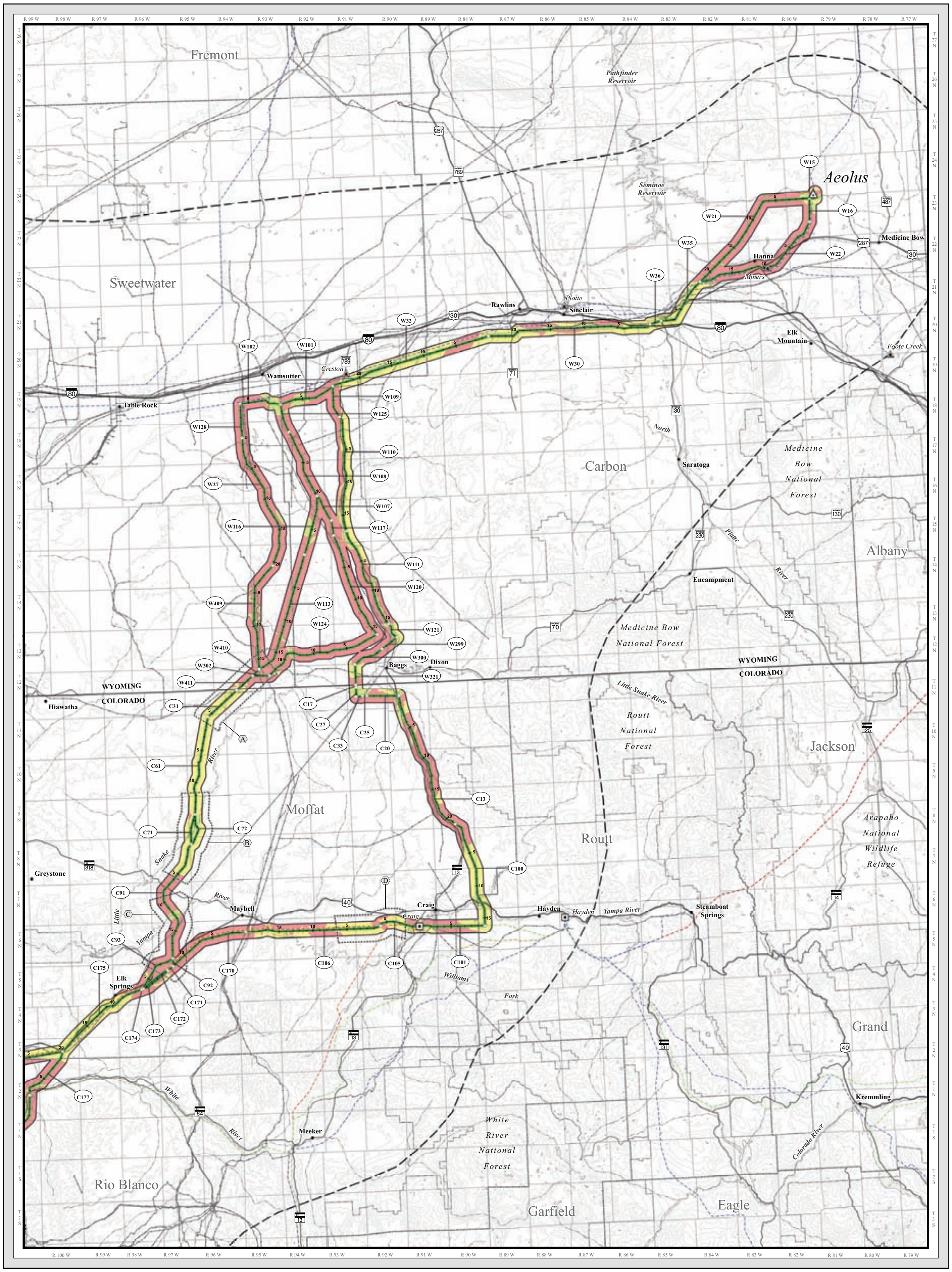
February 2014

Scale in Miles

0 3 6 12 18 Miles

1:380,160 or 1 inch = 6 miles



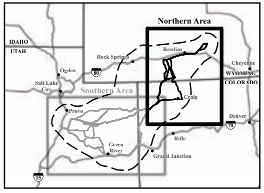


MV-5a

Paleontological Resources

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

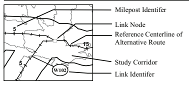
POTENTIAL FOSSIL YIELD CLASSIFICATIONS[1]

🟥	Very High
🟧	High
🟨	Moderate/Undetermined
🟩	Low
🟦	Very Low

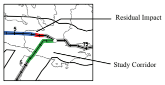
LAND OWNERSHIP

▨	U.S. Forest Service

Inventory Key



Impact Key



Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	+++++	Alternative Route
△	Substation (Project Terminal)	●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
Ⓐ	Series Compensation Station Siting Area	●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

●	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
■	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—··—	River or Stream
- - -	230kV Transmission Line	□	State Boundary
- - -	138kV Transmission Line	□	County Boundary
+++	Railroad	□	Jurisdictional Boundary
—●—	Pipeline		

Sources:
Potential Fossil Yield Classification, USGS 1994, 2005, UGS 2007;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
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Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:
[1] Potential fossil yield classifications are only shown within the 2-mile-wide paleontological resources study corridor.
- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
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- Contour interval: 150 meters

DRAFT EIS
February 2014

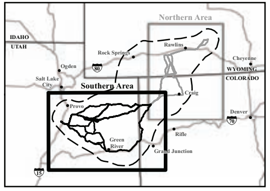
Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

MV-5b

Paleontological Resources

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

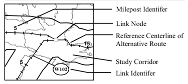
POTENTIAL FOSSIL YIELD CLASSIFICATIONS[1]

🟥	Very High
🟧	High
🟨	Moderate/Undetermined
🟩	Low
🟦	Very Low

LAND OWNERSHIP

▨	U.S. Forest Service

Inventory Key



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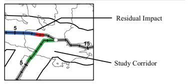

Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	+-+-+	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

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▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	-·-·	River or Stream
- - -	230kV Transmission Line	▭	State Boundary
- - -	138kV Transmission Line	▭	County Boundary
+-+-+	Railroad	▭	Jurisdictional Boundary
●-●-●	Pipeline		

Sources:

Potential Fossil Yield Classification, USGS 1994, 2005, UGS 2007;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Potential fossil yield classifications are only shown within the 2-mile-wide paleontological resources study corridor.

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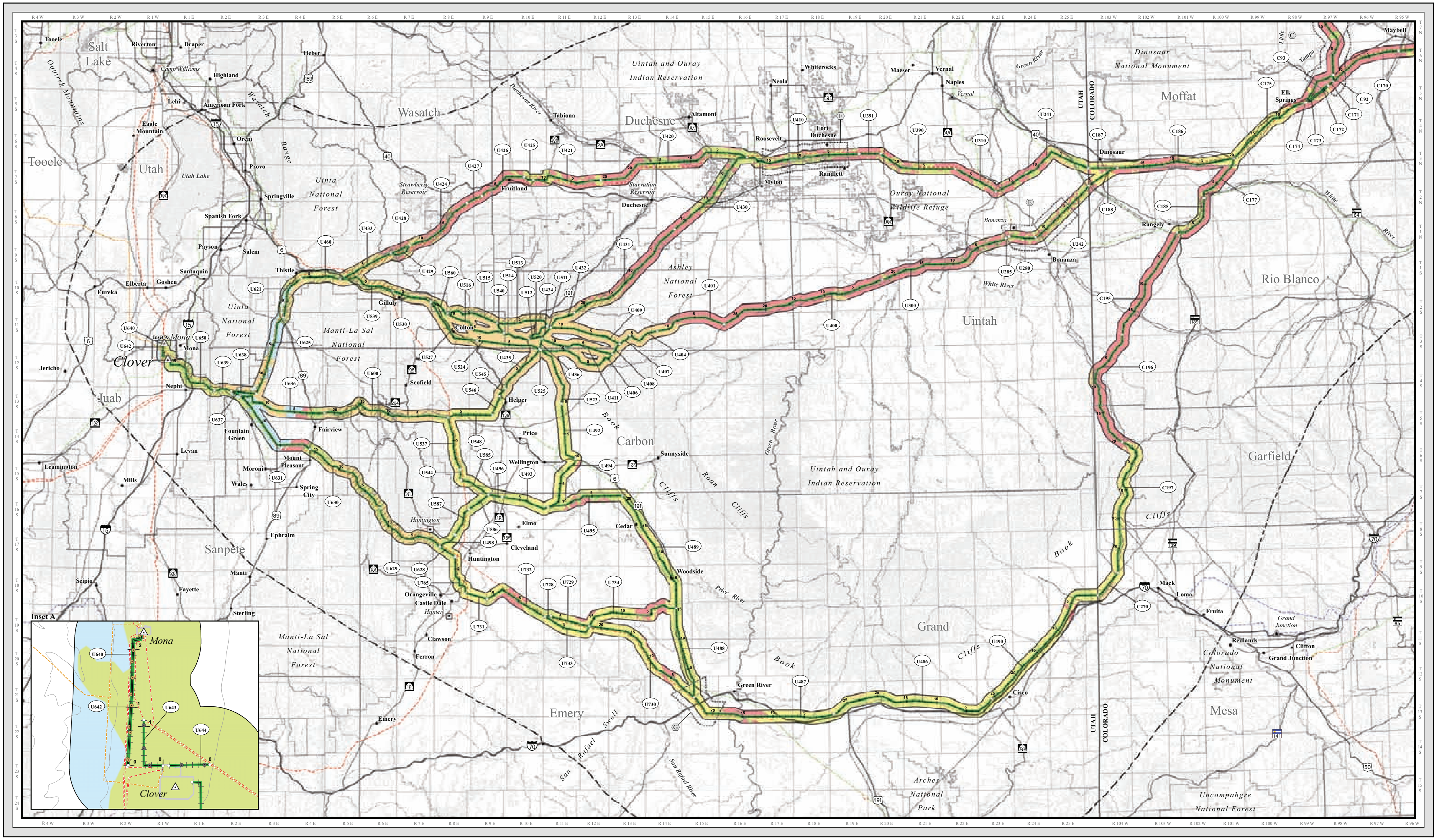
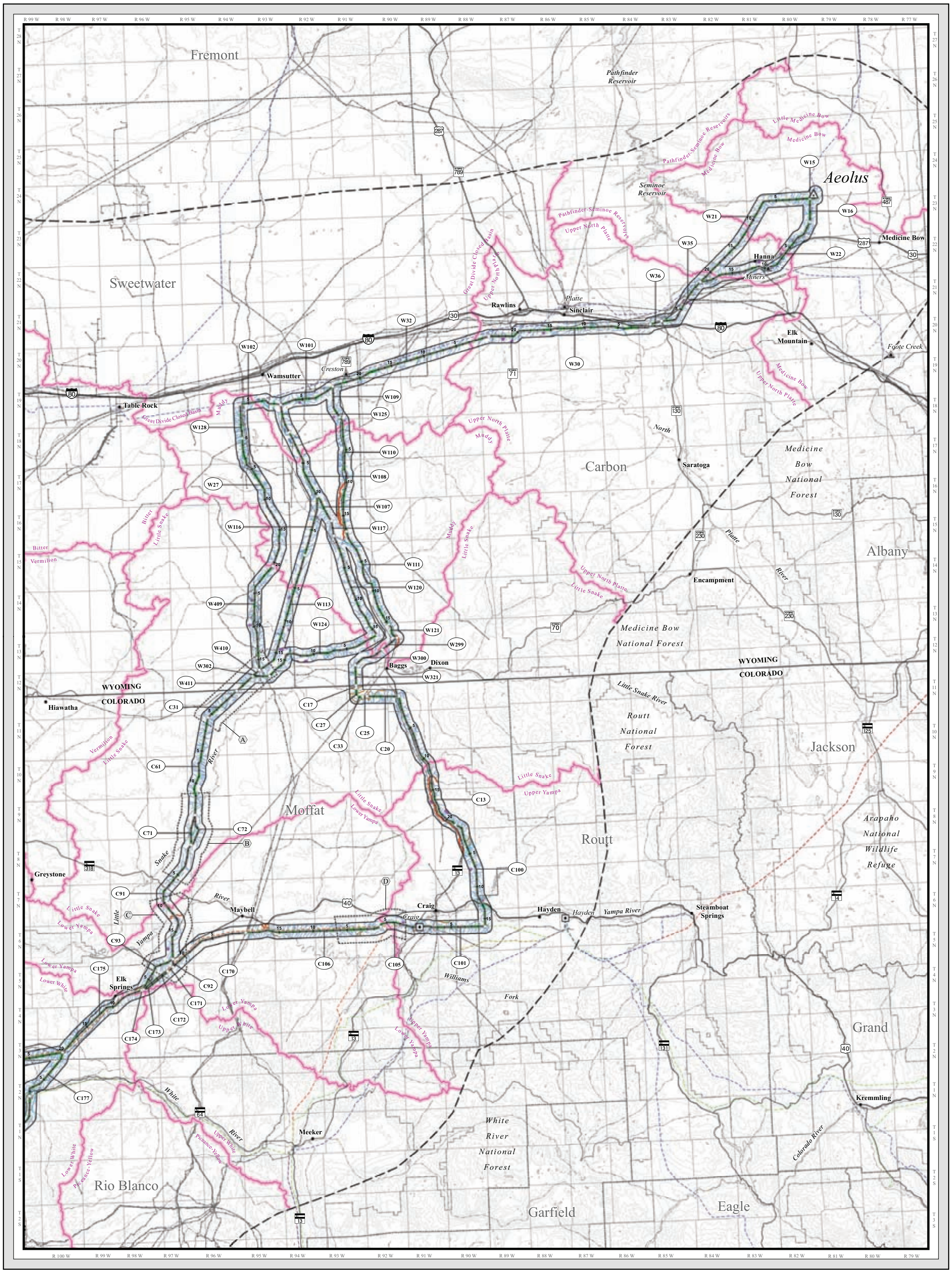
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles



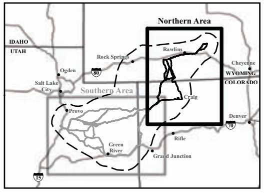


MV-6a

Water Resources

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

SPECIALLY DESIGNATED WATERS[1]

●🟥	Impaired Water	●🟪	Outstanding Water
🟩	Palustrine Forested Wetland		

WETLAND AND RIPARIAN AREAS[1]

🟩	Palustrine Scrub/Shrub Wetland	🟩	Riparian Area
🟩	Palustrine Emergent Wetland	🟩	Swamp Marsh Estuary

LENTIC AND LOTIC WATERS[1]

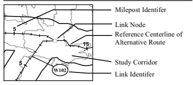
*	Spring or Well	🟦	Intermittent Stream
〰	Canal	🟦	Lake, Pond, Reservoir, or Perennial Stream
🟦	Ephemeral Stream/Wash		

SUBBASIN BOUNDARIES[1]

〰 Subbasin (8-digit HUC)

Upper North Platte - 10180002	Great Divide Closed Basin - 14040200
Pathfinder-Seminoe Reservoirs - 10180003	Upper Yampa - 14050001
Medicine Bow - 10180004	Lower Yampa - 14050002
Little Medicine Bow - 10180005	Little Snake - 14050003
Colorado Headwaters-Plateau - 14010005	Muddy - 14050004
Bitter - 14040105	Upper White - 14050005
Upper Green-Flaming Gorge Reservoir - 14040105	Piceance-Yellow - 14050006
Vermilion - 14040109	Lower White - 14050007

Inventory Key



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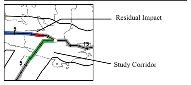

Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	┼	Alternative Route
△	Substation (Project Terminal)	●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚Ⓐ	Series Compensation Station Siting Area	●	345kV Proposed Reroute (Segment 4c - Inset A)

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▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—··—	River or Stream
- - -	230kV Transmission Line	▭	State Boundary
- - -	138kV Transmission Line	▭	County Boundary
┼┼┼	Railroad	⬚	Jurisdictional Boundary
•—•	Pipeline		

Sources:
Impaired Water as compiled by EPG, FWS 2011, USGS 2010a; Outstanding Water as compiled by EPG, USGS 2010a;
National Wetland Inventory, FWS 2011; National Hydrography Dataset, USGS 2010a;
Riparian Areas Land Cover GAP, USGS 2010c; Subbasin (8-digit HUC), USGS 2009a;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
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Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Water resources are identified within the geographic scope of analysis defined in Chapter 3 of the Draft Environmental Impact Statement (generally 300 feet from reference centerline). For visual representation these resources are displayed within a 2-mile-wide corridor.

[2] Subbasin boundaries are only shown within the Project area boundary.

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- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

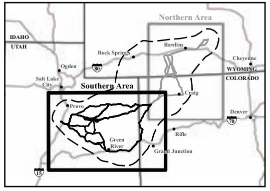
Scale in Miles
0 3 6 12 18
Miles
1:380,160 or 1 inch = 6 miles

MV-6b

Water Resources

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

SPECIALLY DESIGNATED WATERS[1]

- Impaired Water
- Outstanding Water
- Palustrine Forested Wetland

WETLAND AND RIPARIAN AREAS[1]

- Palustrine Scrub/Shrub Wetland
- Riparian Area
- Palustrine Emergent Wetland
- Swamp Marsh Estuary

LENTIC AND LOTIC WATERS[1]

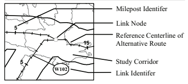
- Spring or Well
- Intermittent Stream
- Canal
- Lake, Pond, Reservoir, or Perennial Stream
- Ephemeral Stream/Wash

SUBBASIN BOUNDARIES[1]

- Subbasin (8-digit HUC)

Colorado Headwaters-Plateau - 14010005
Westwater Canyon - 14030001
Lower Dolores - 14030004
Upper Colorado-Kane Springs - 14030005
Lower Yampa - 14050002
Little Snake - 14050003
Upper White - 14050005
Piceance-Yellow - 14050006
Lower White - 14050007
Lower Green-Diamond - 14060001
Ashley-Brush - 14060002
Duchesne - 14060003
Strawberry - 14060004
Lower Green-Desolation Canyon - 14060005
Willow - 14060006
Price - 14060007
Lower Green - 14060008
San Rafael - 14060009
Utah Lake - 16020201
Spanish Fork - 16020202
Provo - 16020203
San Pitch - 16020204
Lower Sevier - 16020205

Inventory Key



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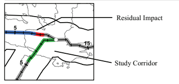

Impact Levels

- High
- Moderate
- Low
- No Identifiable

Project Features

- Project Area Boundary
- Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- City or Town
- Substation
- Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- Interstate Highway
- U.S. Highway
- State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

Impaired Water as compiled by EPG, FWS 2011, USGS 2010a; Outstanding Water as compiled by EPG, USGS 2010a;
National Wetland Inventory, FWS 2011; National Hydrography Dataset, USGS 2010a;
Riparian Areas Land Cover GAP, USGS 2010c; Subbasin (8-digit HUC), USGS 2009a;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
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Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Water resources are identified within the geographic scope of analysis defined in Chapter 3 of the Draft Environmental Impact Statement (generally 300 feet from reference centerline). For visual representation these resources are displayed within a 2-mile-wide corridor.

[2] Subbasin boundaries are only shown within the Project area boundary.

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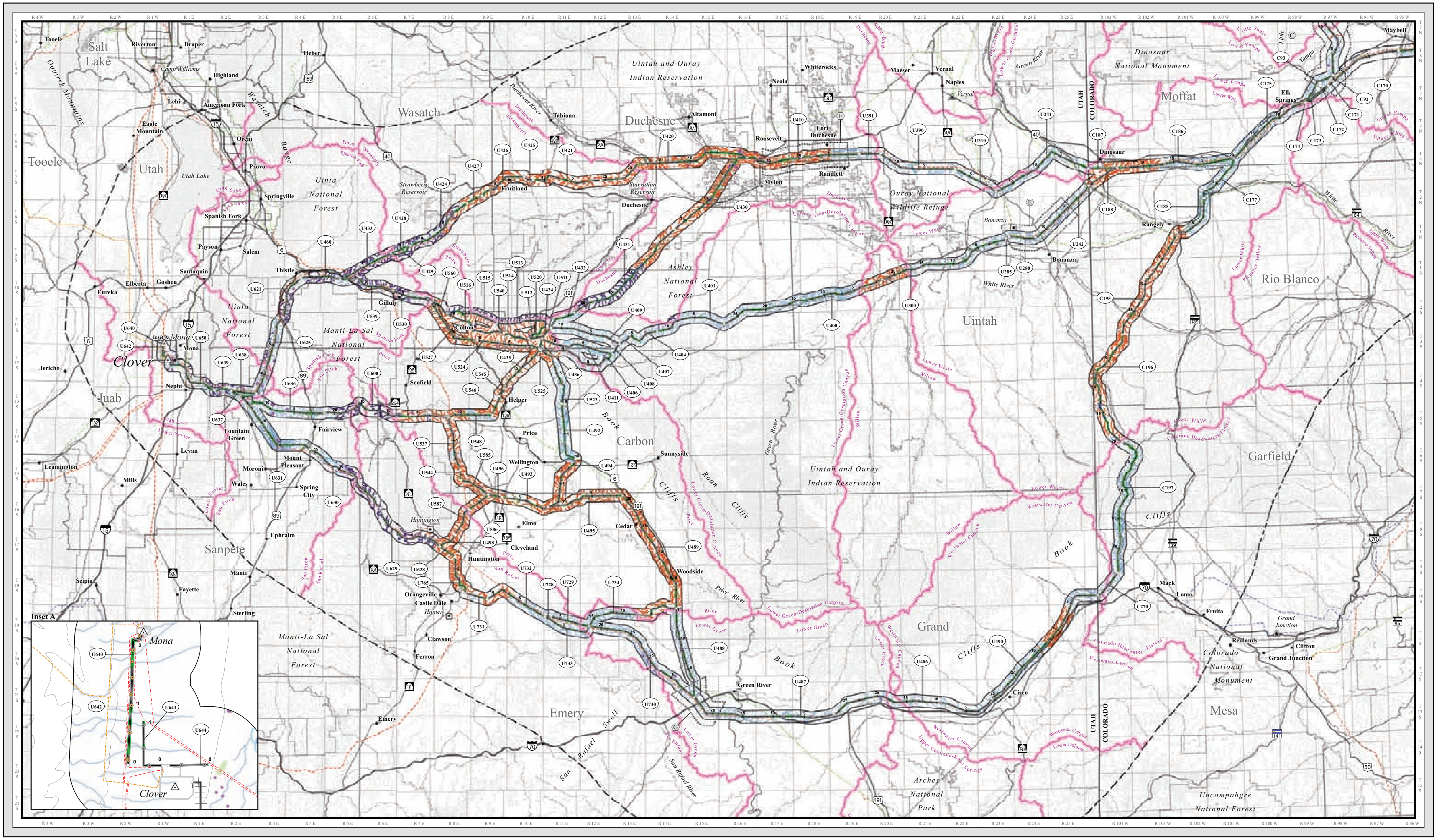
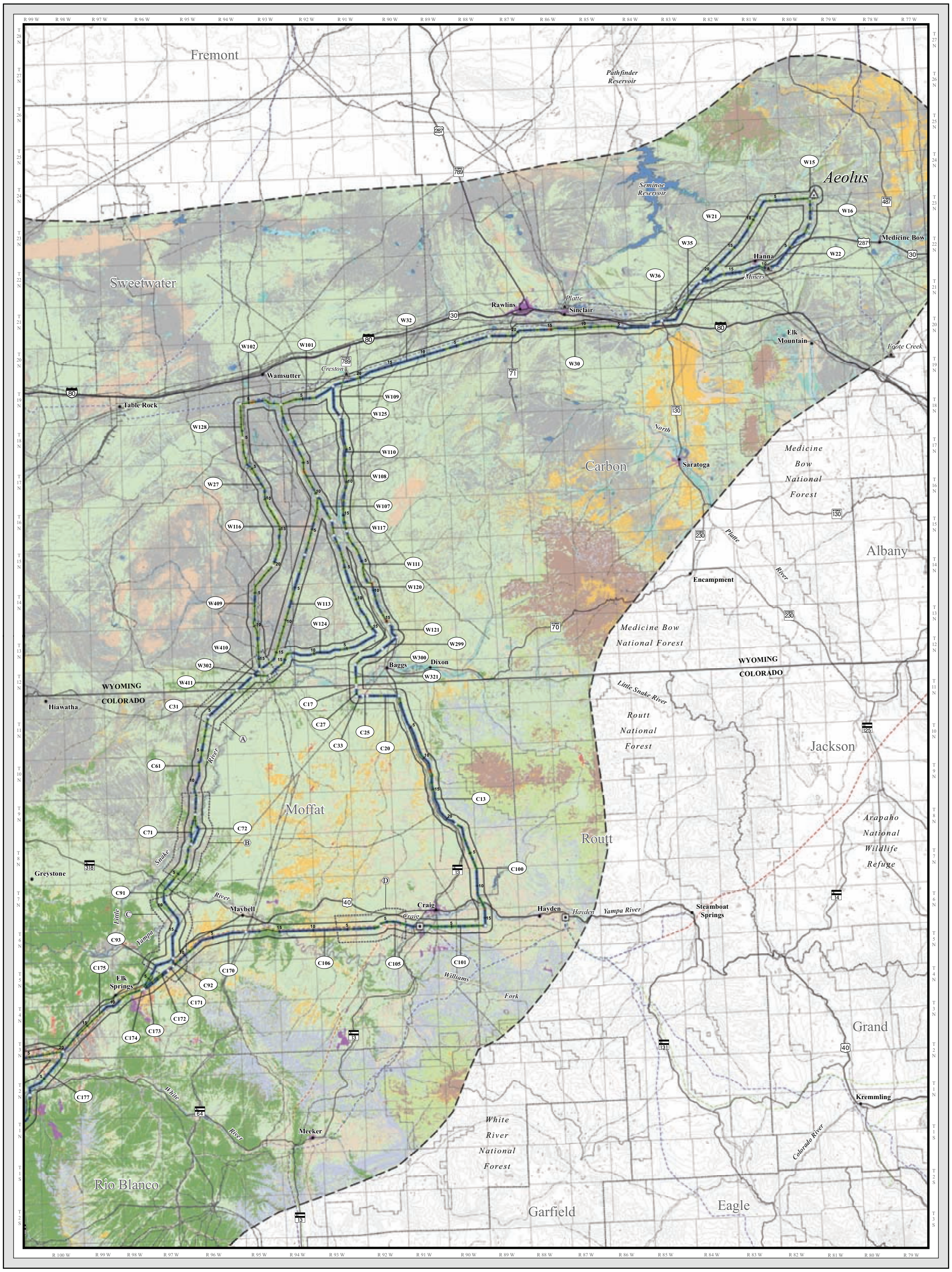
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles



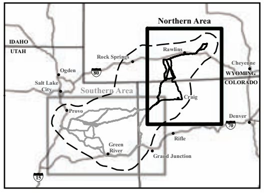


MV-7a

Vegetation

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index

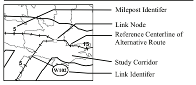


Resource Inventory

PRIMARY VEGETATION COMMUNITIES[1]

- Agriculture
- Alpine
- Aspen
- Barren/Sparsely Vegetated
- Big Sagebrush
- Developed/Disturbed
- Grassland
- Invasive
- Montane Forest
- Mountain Shrub
- Pinyon-juniper
- Ponderosa Pine
- Riparian
- Shrub/Shrub Steppe
- Water
- Wetland

Inventory Key



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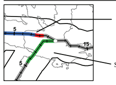

Impact Levels

- High
- Moderate/High
- Moderate
- Low/Moderate
- Low
- No Identifiable

Project Features

- Project Area Boundary
- Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- City or Town
- Substation
- Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- Interstate Highway
- U.S. Highway
- State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

Land Cover GAP, USGS 2010c; National Wetland Inventory, FWS 2011;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
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Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Primary vegetation communities are only shown within the Project area boundary.

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
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- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

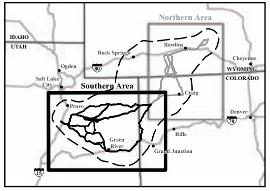
MV-7b

Vegetation

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index

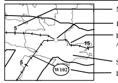


Resource Inventory

PRIMARY VEGETATION COMMUNITIES[1]

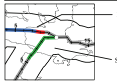
- Agriculture
- Alpine
- Aspen
- Barren/Sparsely Vegetated
- Big Sagebrush
- Developed/Disturbed
- Grassland
- Invasive
- Montane Forest
- Mountain Shrub
- Pinyon-juniper
- Ponderosa Pine
- Riparian
- Shrub/Shrub Steppe
- Water
- Wetland

Inventory Key



Milepost Identifer
Link Node
Reference Centerline of Alternative Route
Study Corridor
Link Identifer

Impact Key



Residual Impact
Study Corridor

Impact Levels

🟥	High	🟩	Low/Moderate
🟧	Moderate/High	🟩	Low
🟦	Moderate	⬜	No Identifiable

Project Features

	Project Area Boundary		Alternative Route
△	Substation (Project Terminal)		345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
A	Series Compensation Station Siting Area		345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

●	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
■	Power Plant	24	State Highway
	500kV Transmission Line	▨	Lake or Reservoir
	345kV Transmission Line		River or Stream
	230kV Transmission Line		State Boundary
	138kV Transmission Line		County Boundary
	Railroad		Jurisdictional Boundary
	Pipeline		

Sources:

Land Cover GAP, USGS 2010c; National Wetland Inventory, FWS 2011;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
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Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Primary vegetation communities are only shown within the Project area boundary.

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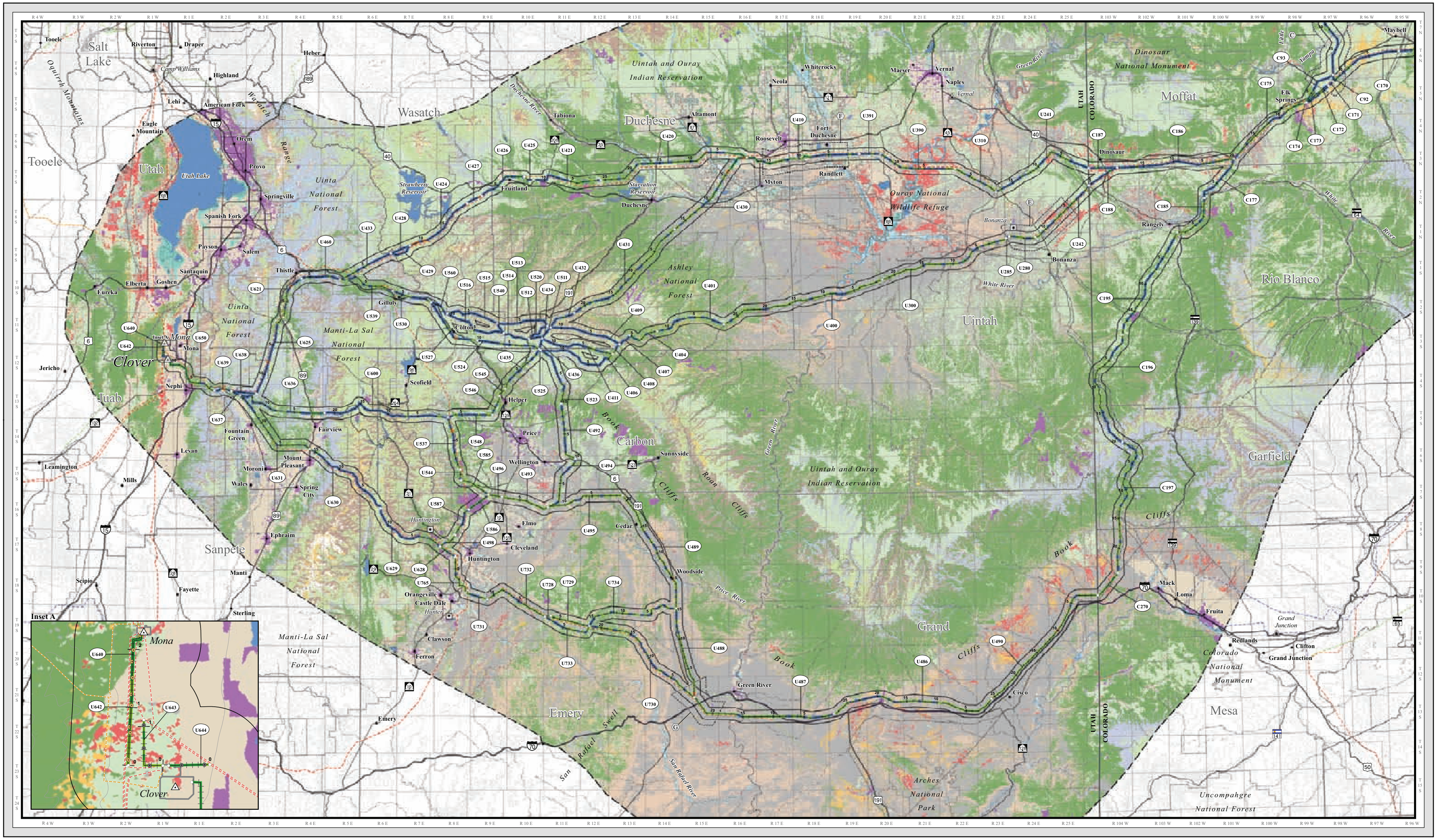
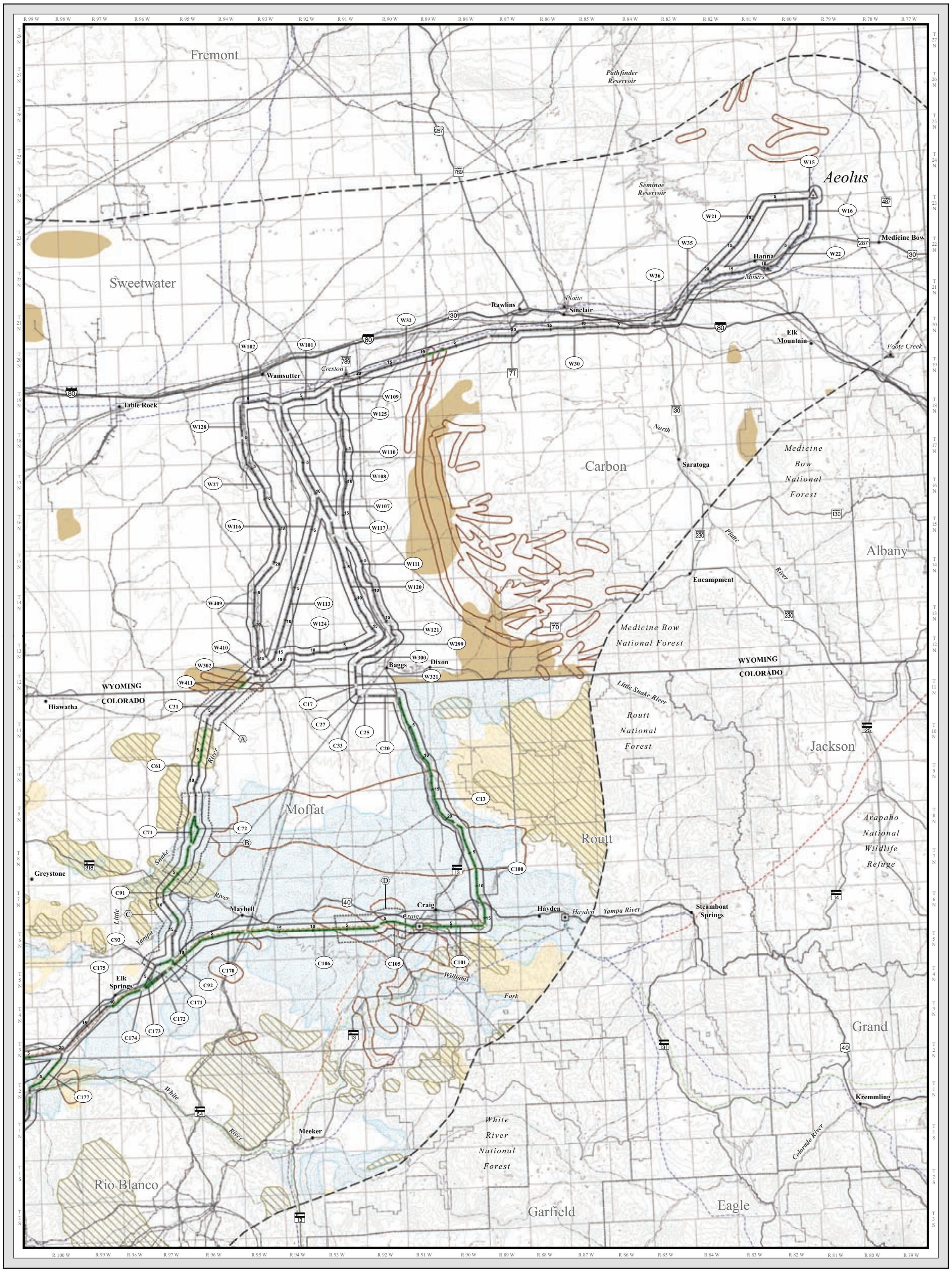
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles



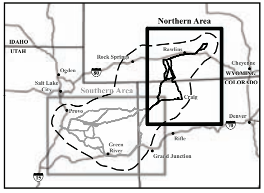
MV-8a



Moose and Elk Habitats

ENERGY GATEWAY SOUTH
TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

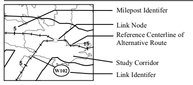
ELK HABITAT[1]

▨	Crucial Winter (UT, WY)/ Severe Winter (CO)	▭	Crucial Summer (UT)/ Summer Concentration (CO)
🟩	Crucial Spring/Fall	▭	Migration Corridor
🟫	Crucial Year-long	▨	Calving Ground

MOOSE HABITAT[1]

▨	Crucial Winter	▨	Crucial Year-long
▨	Crucial Spring/Fall	▨	Calving Ground

Inventory Key



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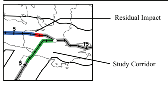

Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	+++++	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚-Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

●	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▩	Lake or Reservoir
- - -	345kV Transmission Line	—··—	River or Stream
- - -	230kV Transmission Line	▭	State Boundary
- - -	138kV Transmission Line	▭	County Boundary
+++	Railroad	▭	Jurisdictional Boundary
●—●	Pipeline		

Sources:
Elk Habitat, CPW 2012c, UDWR 2007a, WGFD 2008, 2011b; Moose Habitat, UDWR 2006b;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
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Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:
[1] Elk and moose habitats are only shown within the Project area boundary.
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- Contour interval: 150 meters

DRAFT EIS
February 2014

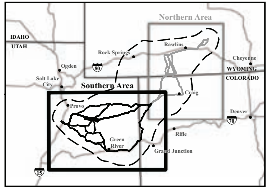
Scale in Miles
0 3 6 12 18
Miles
1:380,160 or 1 inch = 6 miles

MV-8b

Moose and Elk Habitats

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

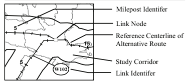
ELK HABITAT[1]

▨	Crucial Winter (UT, WY)/ Severe Winter (CO)	▨	Crucial Summer (UT)/ Summer Concentration (CO)
🟩	Crucial Spring/Fall	☐	Migration Corridor
▨	Crucial Year-long	▨	Calving Ground

MOOSE HABITAT[1]

▨	Crucial Winter	▨	Crucial Year-long
▨	Crucial Spring/Fall	▨	Calving Ground

Inventory Key



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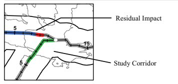

Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	+++++	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚-Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—·—	River or Stream
- - -	230kV Transmission Line	☐	State Boundary
- - -	138kV Transmission Line	☐	County Boundary
+++	Railroad	☐	Jurisdictional Boundary
•—•	Pipeline		

Sources:

Elk Habitat, CPW 2012c, UDWR 2007a, WGFD 2008, 2011b; Moose Habitat, UDWR 2006b;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
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DRAFT EIS
February 2014

Scale in Miles
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Miles
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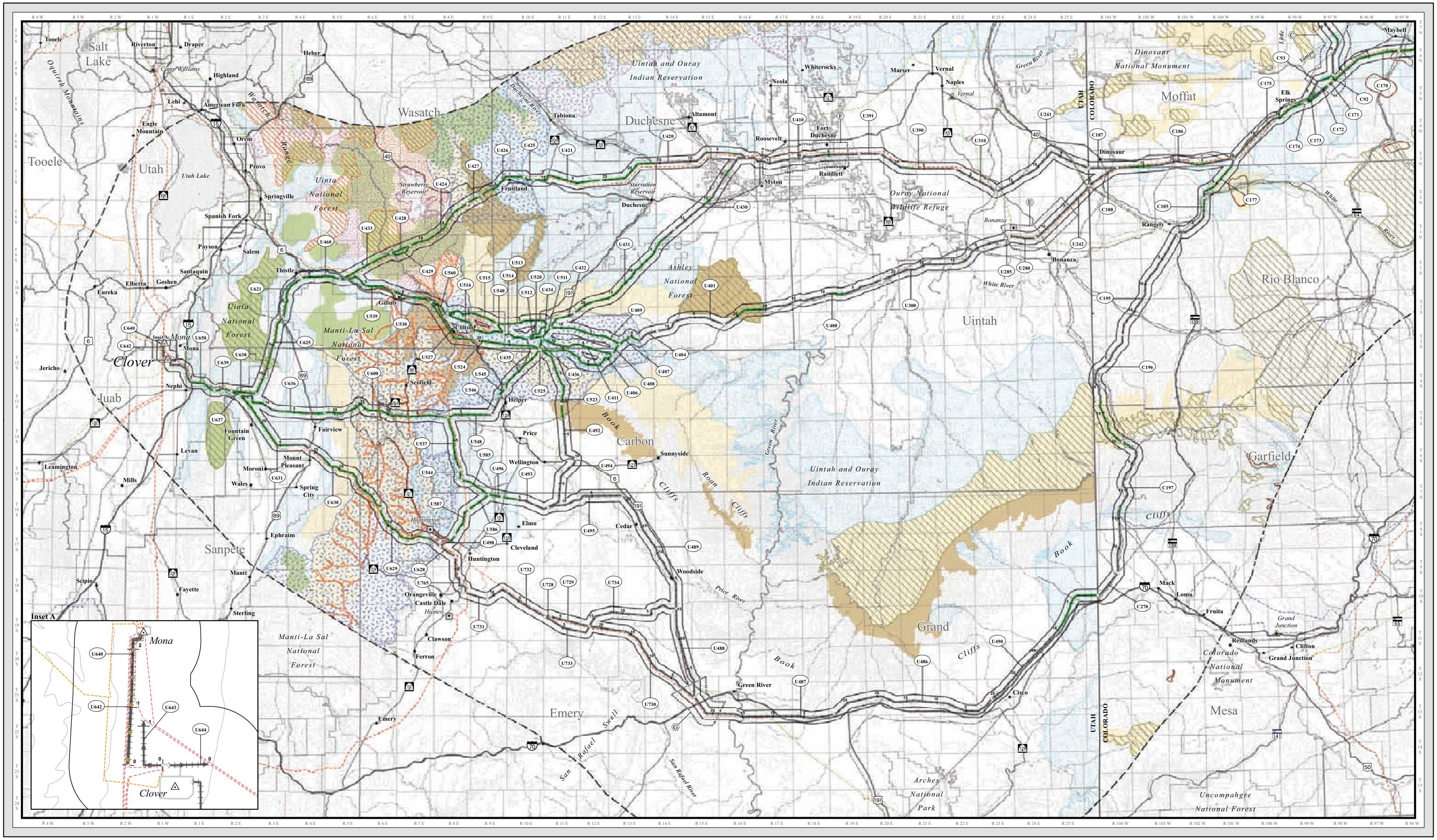
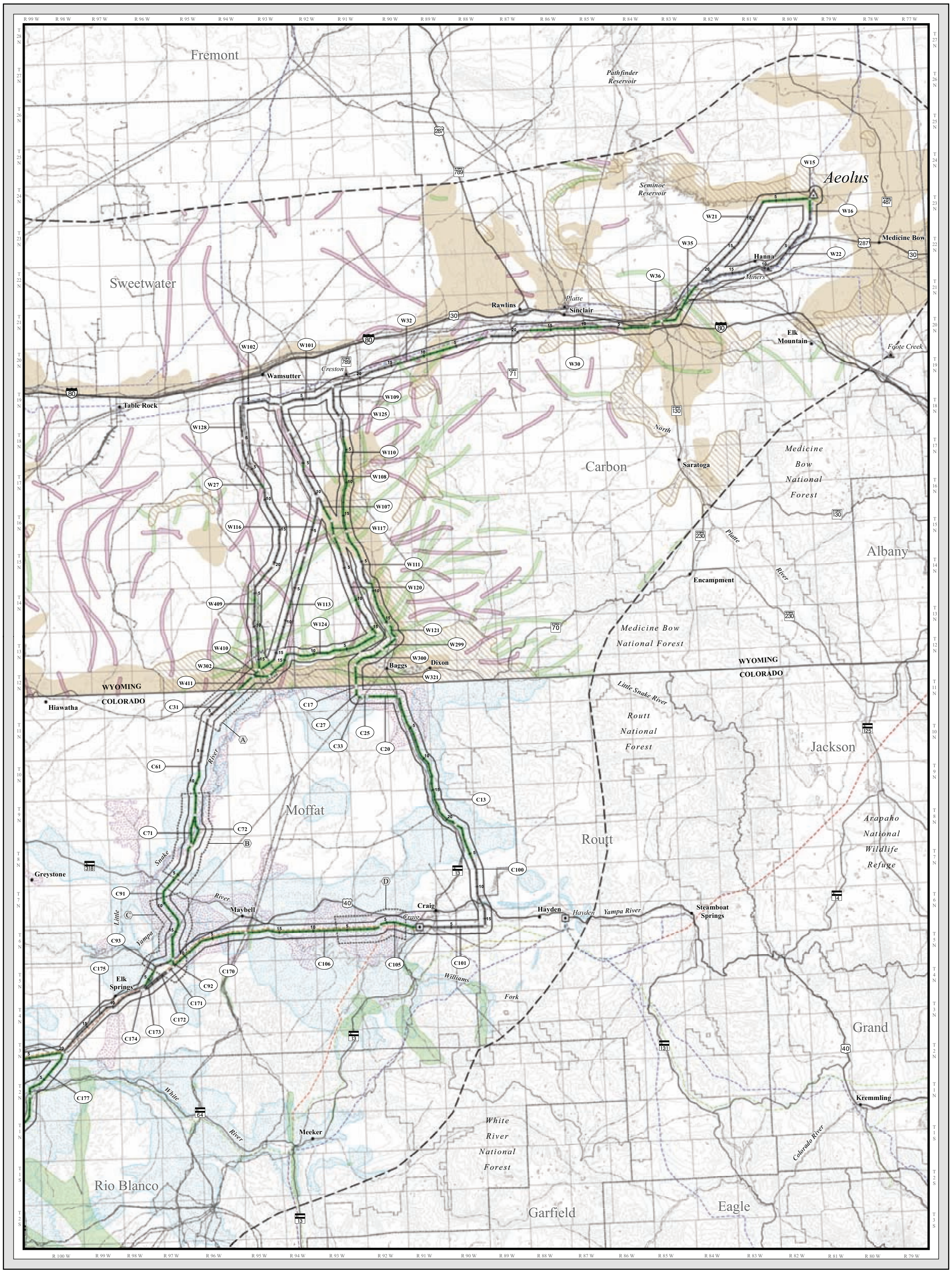


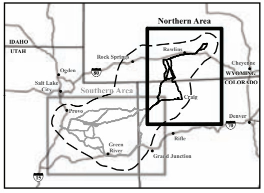


MV-9a

Bighorn Sheep, Pronghorn and Mule Deer Habitats

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

BIGHORN SHEEP HABITAT[1]

- ▩ Crucial Year-long

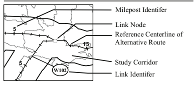
PRONGHORN ANTELOPE HABITAT[1]

- ▩ Crucial Year-long
- ▨ Fawning Area
- ▩ Severe Winter
- ▩ Migration Corridor

MULE DEER HABITAT[1]

- ▩ Crucial Summer
- ▩ Crucial Winter (UT)/ Critical Winter (CO)
- ▩ Crucial Winter/Spring
- ▨ Crucial Year-Long
- ▩ Crucial Spring/Fall
- ▩ Migration Corridor

Inventory Key



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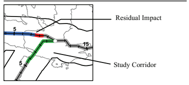

Impact Levels

- High
- Moderate
- Low
- No Identifiable

Project Features

- Project Area Boundary
- Alternative Route
- Substation (Project Terminal)
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
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- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

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- Substation
- U.S. Highway
- Power Plant
- State Highway
- 500kV Transmission Line
- Lake or Reservoir
- 345kV Transmission Line
- River or Stream
- 230kV Transmission Line
- State Boundary
- 138kV Transmission Line
- County Boundary
- Railroad
- Jurisdictional Boundary
- Pipeline

Sources:
Rocky Mountain Bighorn Sheep Habitat, UDWR 2006a;
Pronghorn Antelope Habitat, CPW 2012e, UDWR 2010a, WGFD 2008, 2010a;
Mule Deer Habitat, CPW 2011a, 2012d, UDWR 2007b, WGFD 2008, 2010a;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
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Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Bighorn sheep, pronghorn antelope, and mule deer habitats are only shown within the Project area boundary.

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- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

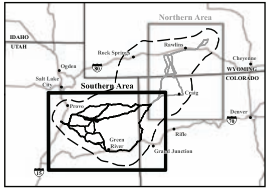
MV-9b

Bighorn Sheep, Pronghorn and Mule Deer Habitats

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index



Resource Inventory

BIGHORN SHEEP HABITAT[1]

- ▨ Crucial Year-long

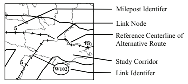
PRONGHORN ANTELOPE HABITAT[1]

- ■ Crucial Year-long
- ▨ Fawning Area
- ▨ Severe Winter
- ■ Migration Corridor

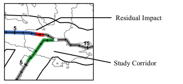
MULE DEER HABITAT[1]

- ■ Crucial Summer
- ▨ Crucial Winter (UT)/ Critical Winter (CO)
- ■ Crucial Winter/Spring
- ▨ Crucial Year-Long
- ■ Crucial Spring/Fall
- ■ Migration Corridor

Inventory Key



Impact Key



Impact Levels

🟥	High	🟩	Low
🟦	Moderate	⬜	No Identifiable

Project Features

[ ]	Project Area Boundary	┼┼┼	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚–Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—·—	River or Stream
- - -	230kV Transmission Line	☐	State Boundary
- - -	138kV Transmission Line	☐	County Boundary
┼┼┼	Railroad	☐	Jurisdictional Boundary
•—•	Pipeline		

Sources:

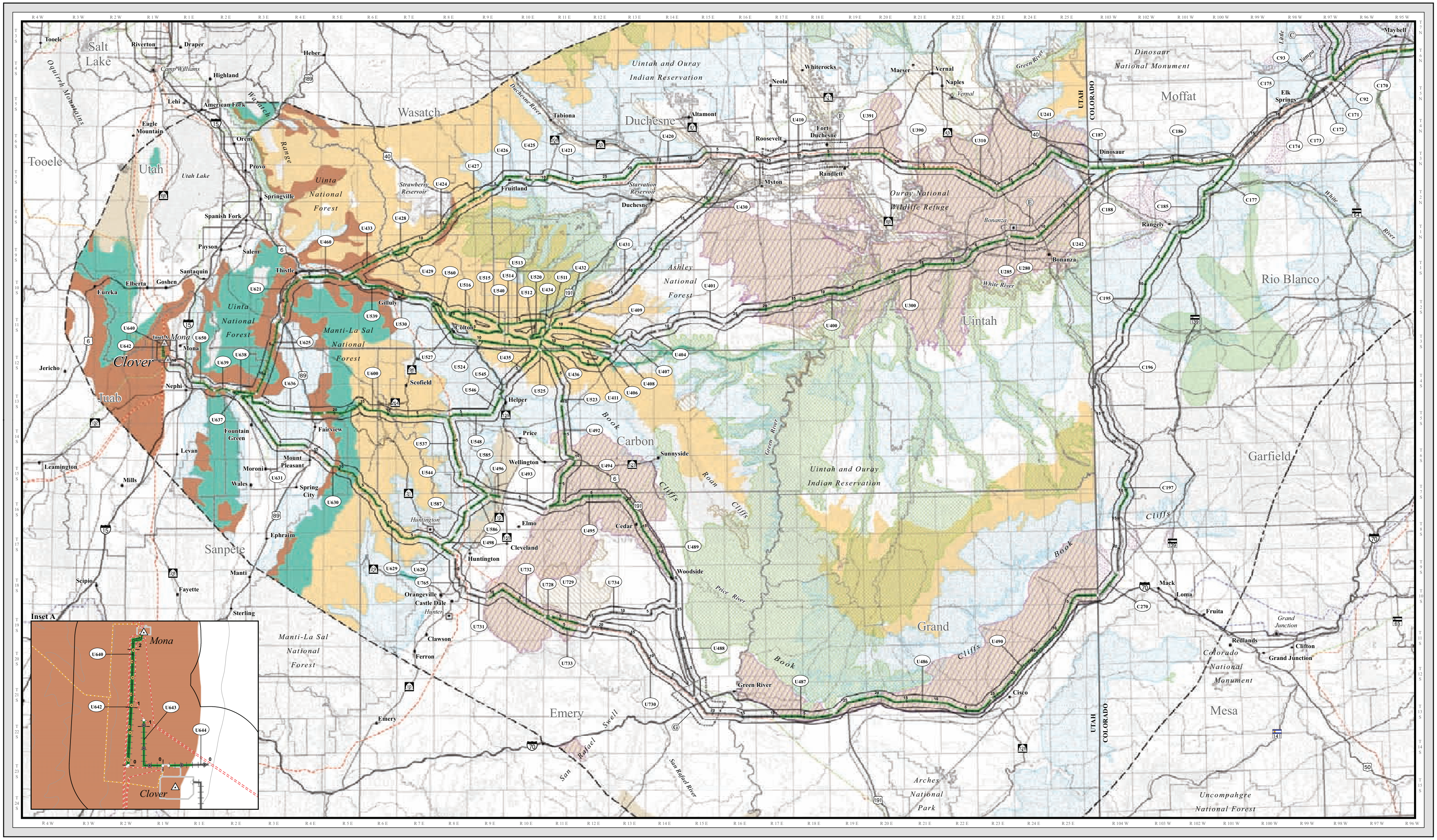
Rocky Mountain Bighorn Sheep Habitat, UDWR 2006a;
Pronghorn Antelope Habitat, CPW 2012e, UDWR 2010a, WGFD 2008, 2010a;
Mule Deer Habitat, CPW 2011a, 2012d, UDWR 2007b, WGFD 2008, 2010a;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

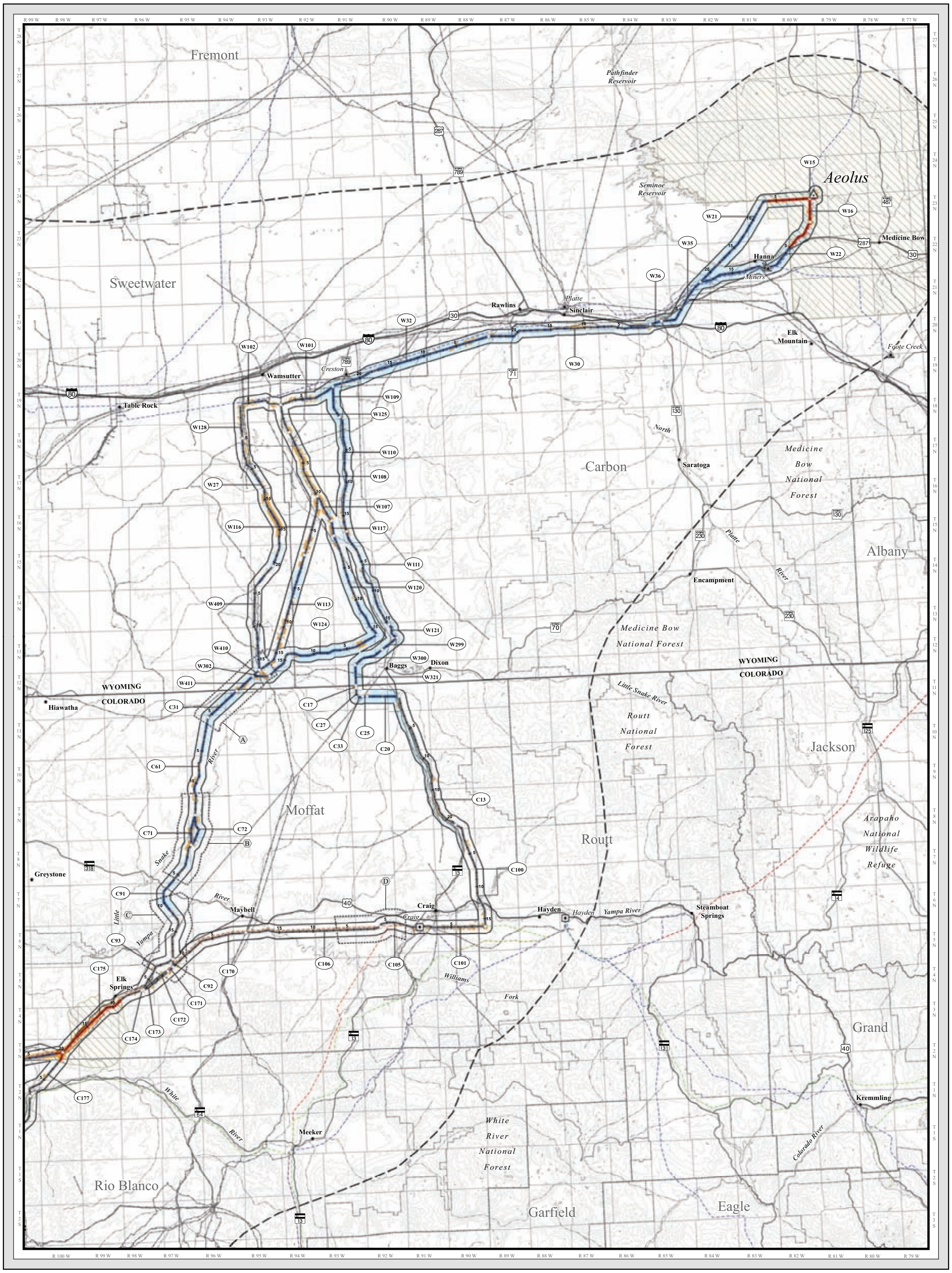
Notes:

[1] Bighorn sheep, pronghorn antelope, and mule deer habitats are only shown within the Project area boundary.
- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles



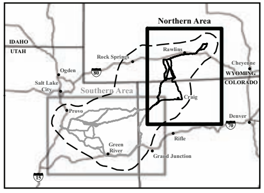


MV-10a

Special Status Mammal Habitats

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

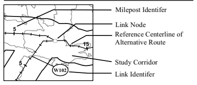
SPECIAL STATUS MAMMAL HABITATS[1]

🟧 Potential White-tailed Prairie Dog Habitat[2]

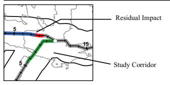
🟦 Potential Pygmy Rabbit Habitat[2]

▨ Black-footed Ferret Reintroduction Management Areas[3]

Inventory Key



Impact Key



Impact Levels

🟥	High	🟩	Low
🟦	Moderate	⬜	No Identifiable

Project Features

- Project Area Boundary
- Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- City or Town
- Substation
- Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- Interstate Highway
- U.S. Highway
- State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

White-tailed Prairie Dog Modeled Habitat, EPG 2013;
White-tailed Prairie Dog Habitat, BLM 2006, 2008, 2009, 2010, 2011, 2012, CPW 2012;
Pygmy Rabbit Modeled Habitat, EPG 2013;
Black-footed Ferret Colonies, UDWR 2011d;
Black-footed Ferret Management Areas, BLM 2012, CPW 2012;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] For additional information regarding the species shown on this map, please refer to the Special Status Wildlife section of Chapter 3 of the Draft Environmental Impact Statement.

[2] Potential white-tailed prairie dog and pygmy rabbit habitats are only shown within the 2-mile-wide biological resources study corridor.

[3] Black-footed ferret reintroduction management areas are only shown within the Project area boundary.

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

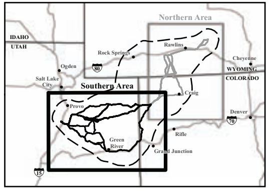
Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

MV-10b

Special Status Mammal Habitats

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index

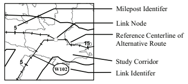


Resource Inventory

SPECIAL STATUS MAMMAL HABITATS[1]

- 🟧 Potential White-tailed Prairie Dog Habitat[2]
- 🟦 Potential Pygmy Rabbit Habitat[2]
- ▨ Black-footed Ferret Reintroduction Management Areas[3]

Inventory Key



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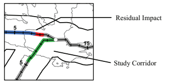


Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	┼┼┼┼ 5	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚—Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
■	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—·· —	River or Stream
- - -	230kV Transmission Line	☐	State Boundary
- - -	138kV Transmission Line	☐	County Boundary
┼┼┼	Railroad	☐	Jurisdictional Boundary
•—•—•	Pipeline		

Sources:

White-tailed Prairie Dog Modeled Habitat, EPG 2013;
White-tailed Prairie Dog Habitat, BLM 2006, 2008, 2009, 2010, 2011, 2012, CPW 2012;
Pygmy Rabbit Modeled Habitat, EPG 2013;
Black-footed Ferret Colonies, UDWR 2011d;
Black-footed Ferret Management Areas, BLM 2012, CPW 2012;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] For additional information regarding the species shown on this map, please refer to the Special Status Wildlife section of Chapter 3 of the Draft Environmental Impact Statement.

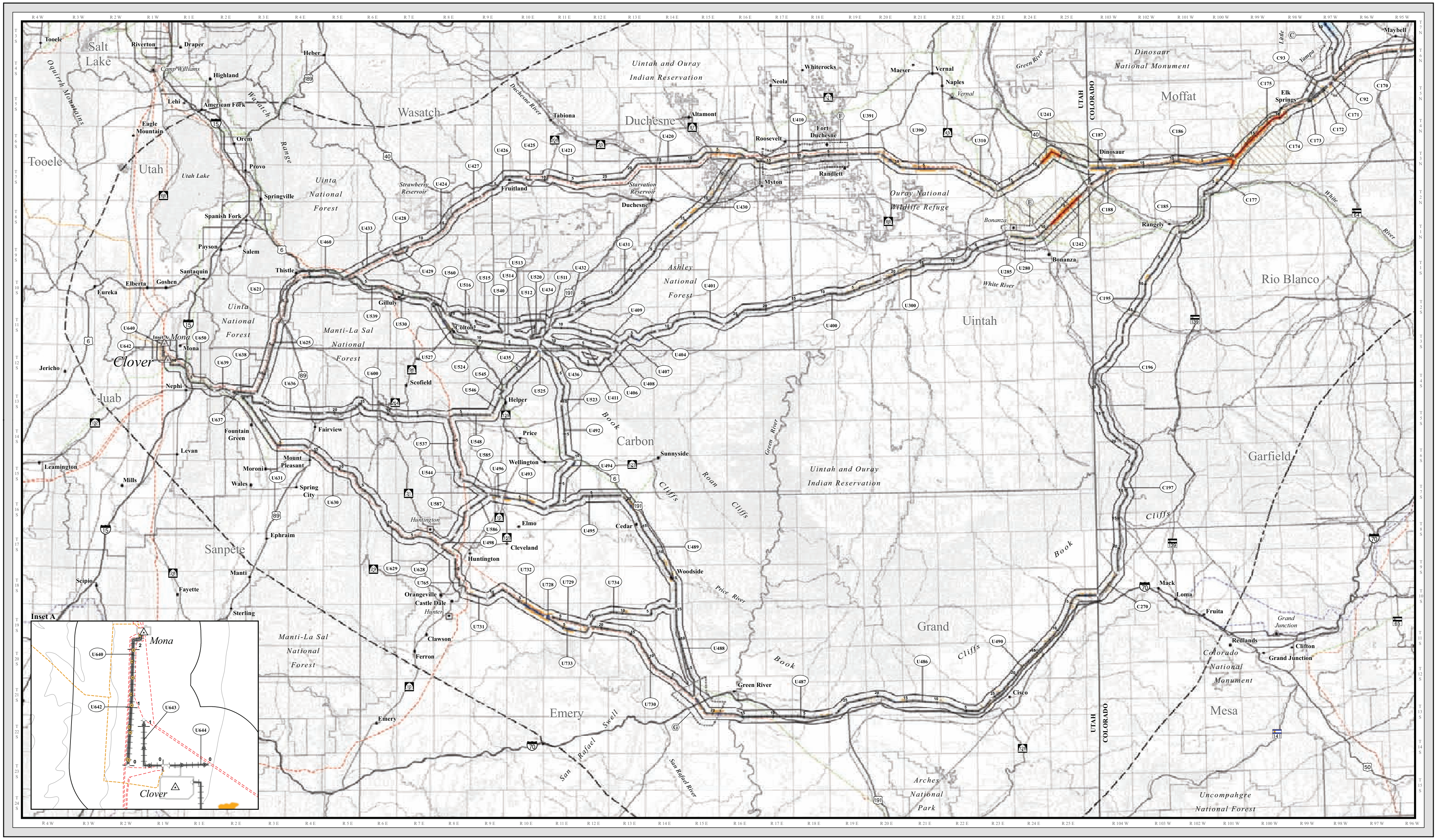
[2] Potential white-tailed prairie dog and pygmy rabbit habitats are only shown within the 2-mile-wide biological resources study corridor.

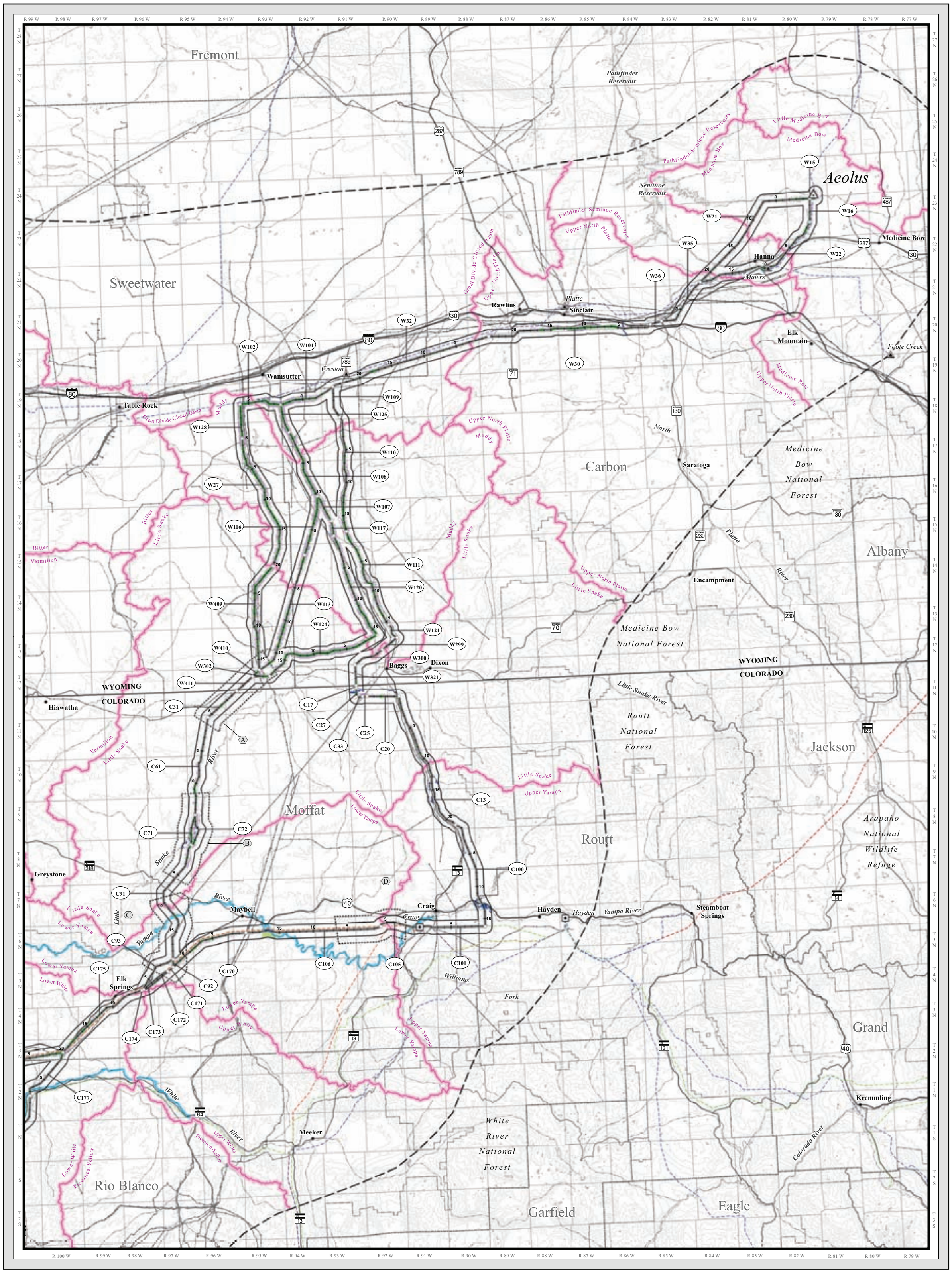
[3] Black-footed ferret reintroduction management areas are only shown within the Project area boundary.

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18
Miles
1:380,160 or 1 inch = 6 miles



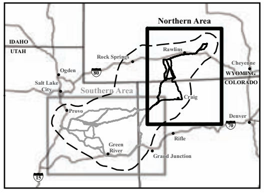


MV-11a

Special Status Bird and Fish Habitats

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

SPECIAL STATUS BIRD AND FISH HABITATS[1]

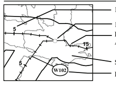
🟦 Federally Listed Colorado River Fish Designated Critical Habitat[2]
🟪 Potential Mountain Plover Habitat[3]
🟦 Potential Yellow-billed Cuckoo Habitat[4]
▨ Potential Southwestern Willow Flycatcher Habitat[4]
🟩 Potential Mexican Spotted Owl Habitat[4]

SUBBASIN BOUNDARIES[1]

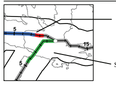
〰 Subbasin (8-digit HUC)

Upper North Platte - 10180002
Pathfinder-Seminoe Reservoirs - 10180003
Medicine Bow - 10180004
Little Medicine Bow - 10180005
Colorado Headwaters-Plateau - 14010005
Bitter - 14040105
Upper Green-Flaming Gorge Reservoir - 14040105
Vermilion - 14040109
Great Divide Closed Basin - 14040200
Upper Yampa - 14050001
Lower Yampa - 14050002
Little Snake - 14050003
Muddy - 14050004
Upper White - 14050005
Piceance-Yellow - 14050006
Lower White - 14050007

Inventory Key



Impact Key



Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	+++++	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚-Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
■	Power Plant	24	State Highway
- - -	500kV Transmission Line	▒	Lake or Reservoir
- - -	345kV Transmission Line	—··—	River or Stream
- - -	230kV Transmission Line	▭	State Boundary
- - -	138kV Transmission Line	▭	County Boundary
+++	Railroad	▭	Jurisdictional Boundary
•—•	Pipeline		

Sources:
Colorado River Fish Critical Habitat, FWS 2011; Mountain Plover Modeled Habitat, EPG 2013;
Yellow-billed Cuckoo Modeled Habitat, EPG 2013; Southwestern Willow Flycatcher Modeled Habitat, EPG 2012;
Mexican Spotted Owl Modeled Habitat, EPG 2013; Subbasin (8-digit HUC), USGS 2009a;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] For additional information regarding the species shown on this map, please refer to the Special Status Wildlife and Fish and Aquatics sections of Chapter 3 of the Draft Environmental Impact Statement.

[2] Federally listed Colorado River fish designated critical habitat and subbasin boundaries are only shown within the Project area boundary.

[3] Mountain plover potential habitat is only shown within the 1-mile-wide biological resources study corridor.

[4] Yellow-billed cuckoo, southwestern willow flycatcher, and Mexican spotted owl potential habitats are only shown within the 2-mile-wide biological resources study corridor.

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

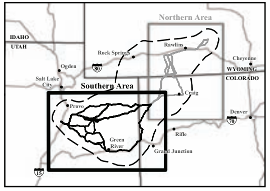
MV-11b

Special Status Bird and Fish Habitats

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index



Resource Inventory

SPECIAL STATUS BIRD AND FISH HABITATS[1]

- 🟦 Federally Listed Colorado River Fish Designated Critical Habitat[2]
- 🟪 Potential Mountain Plover Habitat[3]
- 🟦 Potential Yellow-billed Cuckoo Habitat[4]
- ▨ Potential Southwestern Willow Flycatcher Habitat[4]
- 🟩 Potential Mexican Spotted Owl Habitat[4]

SUBBASIN BOUNDARIES[1]

- Subbasin (8-digit HUC)

Colorado Headwaters-Plateau - 14010005
Westwater Canyon - 14030001
Lower Dolores - 14030004
Upper Colorado-Kane Springs - 14030005
Lower Yampa - 14050002
Little Snake - 14050003
Upper White - 14050005
Piceance-Yellow - 14050006
Lower White - 14050007
Lower Green-Diamond - 14060001
Ashley-Brush - 14060002

Duchesne - 14060003
Strawberry - 14060004
Lower Green-Desolation Canyon - 14060005
Willow - 14060006
Price - 14060007
Lower Green - 14060008
San Rafael - 14060009
Utah Lake - 16020201
Spanish Fork - 16020202
Provo - 16020203
San Pitch - 16020204
Lower Sevier - 16020205

Inventory Key

Milepost Identifer
Link Node
Reference Centerline of Alternative Route
Study Corridor
Link Identifer

Impact Key

Residual Impact
Study Corridor

Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

	Project Area Boundary		Alternative Route
△	Substation (Project Terminal)		345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
	Series Compensation Station Siting Area		345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

●	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
	500kV Transmission Line		Lake or Reservoir
	345kV Transmission Line		River or Stream
	230kV Transmission Line		State Boundary
	138kV Transmission Line		County Boundary
	Railroad		Jurisdictional Boundary
	Pipeline		

Sources:

Colorado River Fish Critical Habitat, FWS 2011; Mountain Plover Modeled Habitat, EPG 2013; Yellow-billed Cuckoo Modeled Habitat, EPG 2013; Southwestern Willow Flycatcher Modeled Habitat, EPG 2012; Mexican Spotted Owl Modeled Habitat, EPG 2013; Subbasin (8-digit HUC), USGS 2009a; Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999; Series Compensation Station Siting Areas, Rocky Mountain Power 2013; City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009; Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013; Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008; Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011; Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008; Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] For additional information regarding the species shown on this map, please refer to the Special Status Wildlife and Fish and Aquatics sections of Chapter 3 of the Draft Environmental Impact Statement.

[2] Federally listed Colorado River fish designated critical habitat and subbasin boundaries are only shown within the Project area boundary.

[3] Mountain plover potential habitat is only shown within the 1-mile-wide biological resources study corridor.

[4] Yellow-billed cuckoo, southwestern willow flycatcher, and Mexican spotted owl potential habitats are only shown within the 2-mile-wide biological resources study corridor.

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

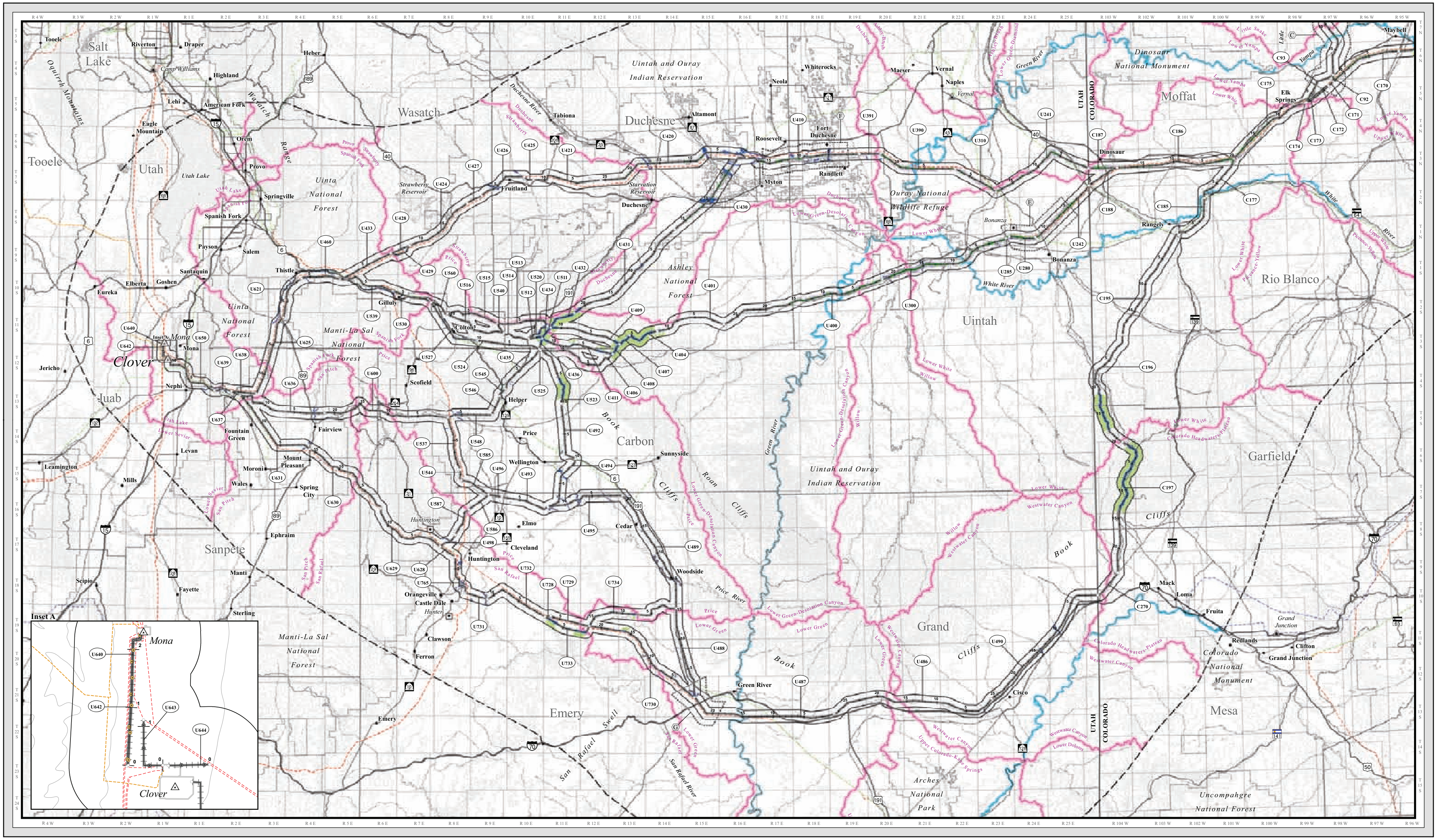
DRAFT EIS

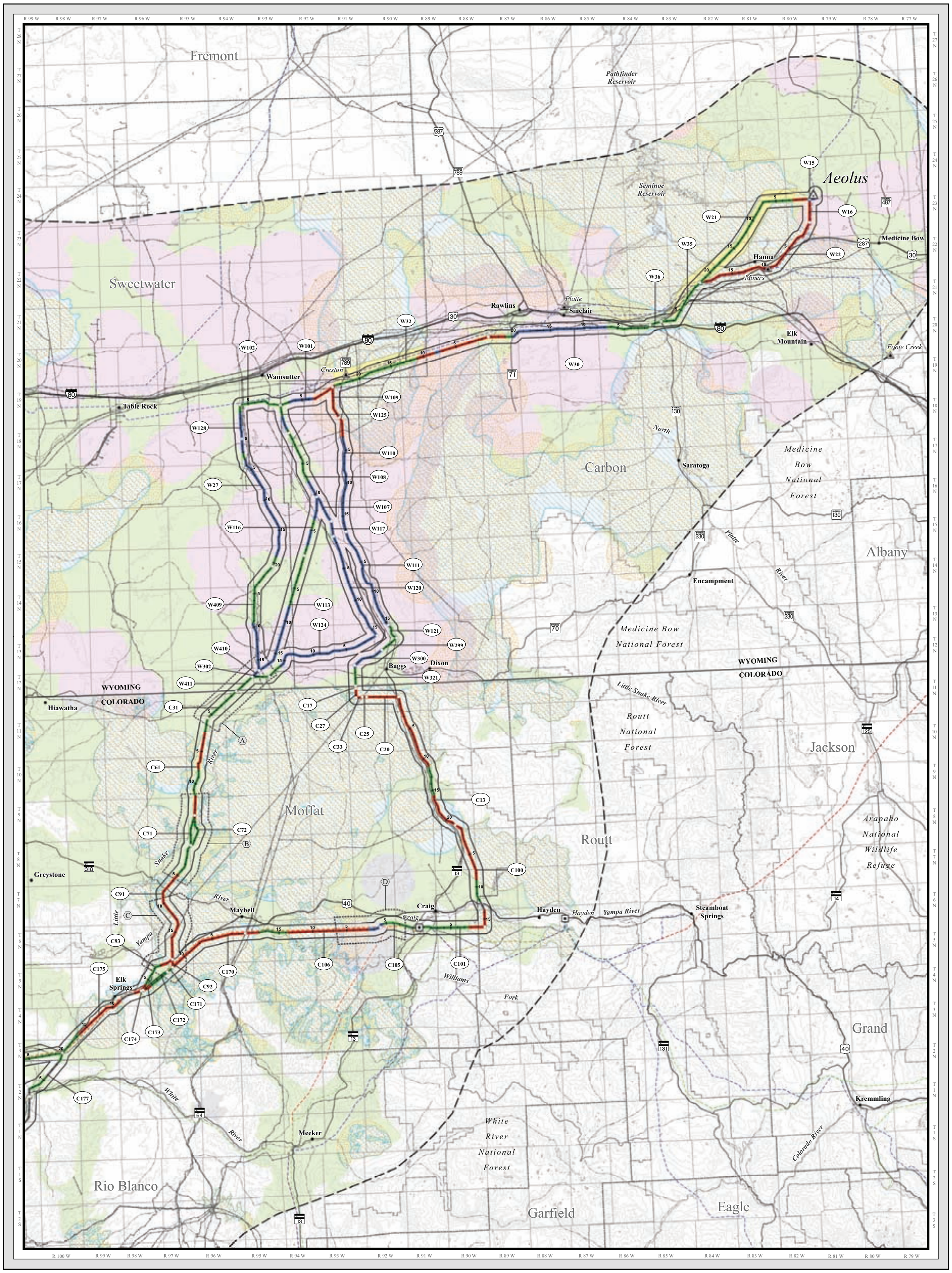
February 2014

Scale in Miles

0 3 6 12 18 Miles

1:380,160 or 1 inch = 6 miles



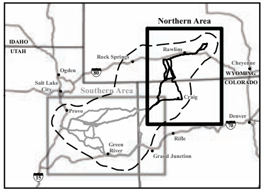


MV-12a

Greater Sage-grouse Habitats

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index

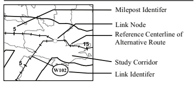


Resource Inventory

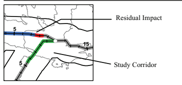
GREATER SAGE-GROUSE HABITAT

▨	Greater Sage-grouse Core Area or Priority Habitat[1]
▨	Greater Sage-grouse Habitat within 4 miles of Leks Located in Core Areas or Priority Habitat[1]
■	Greater Sage-grouse Habitat within 4 miles of Leks Located outside Core Areas or Priority Habitat[1]
■	Greater Sage-grouse General Habitat[2]
■	Greater Sage-grouse Transmission Line Corridors Designated in Wyoming Executive Order 2011-5

Inventory Key



Impact Key



Impact Levels

🟥	High	🟩	Low
🟦	Moderate	■	No Identifiable

Project Features

[ ]	Project Area Boundary	┼┼┼	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚-Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▒	Lake or Reservoir
- - -	345kV Transmission Line	—·· —	River or Stream
- - -	230kV Transmission Line	☐	State Boundary
- - -	138kV Transmission Line	☐	County Boundary
┼┼┼	Railroad	☐	Jurisdictional Boundary
•—•	Pipeline		

Sources:
Sage-grouse Preliminary Priority Habitat Colorado, CPW 2012j; Sage-grouse Occupied Habitat Utah, UDWR 2011e;
Sage-grouse Core Areas Wyoming, WGFD 2010b;
Sage-grouse Leks, CPW 2012i, UDWR 2013b, WGFD 2012c;
Sage-grouse Preliminary General Habitat Colorado, CPW 2012j; Sage-grouse Linkages Colorado, CPW 2012;
Sage-grouse Western U.S. Range, Washington Department of Fish and Wildlife 2002;
Sage-grouse Habitat Protection Corridors, WGFD 2010;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Sage-grouse habitat is only shown within the Project area boundary.

[2] Includes preliminary general sage-grouse habitat in Colorado and sage-grouse habitat outside of core areas in Wyoming.

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

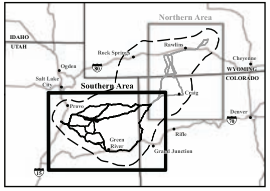
MV-12b

Greater Sage-grouse Habitats

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index

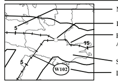


Resource Inventory

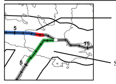
GREATER SAGE-GROUSE HABITAT

- ▨ Greater Sage-grouse Core Area or Priority Habitat[1]
- ▨ Greater Sage-grouse Habitat within 4 miles of Leks Located in Core Areas or Priority Habitat[1]
- ▨ Greater Sage-grouse Habitat within 4 miles of Leks Located outside Core Areas or Priority Habitat[1]
- 🟩 Greater Sage-grouse General Habitat[2]
- ▨ Greater Sage-grouse Transmission Line Corridors Designated in Wyoming Executive Order 2011-5

Inventory Key



Impact Key



Impact Levels

- 🟥 High
- ▬ Moderate
- 🟩 Low
- ▬ No Identifiable

Project Features

- Project Area Boundary
- △ Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- ● City or Town
- ▲ Substation
- ▣ Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- Interstate Highway
- U.S. Highway
- State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

Sage-grouse Preliminary Priority Habitat Colorado, CPW 2012j; Sage-grouse Occupied Habitat Utah, UDWR 2011e;
Sage-grouse Core Areas Wyoming, WGFD 2010b;
Sage-grouse Leks, CPW 2012i, UDWR 2013b, WGFD 2012c;
Sage-grouse Preliminary General Habitat Colorado, CPW 2012j; Sage-grouse Linkages Colorado, CPW 2012;
Sage-grouse Western U.S. Range, Washington Department of Fish and Wildlife 2002;
Sage-grouse Habitat Protection Corridors, WGFD 2010;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Sage-grouse habitat is only shown within the Project area boundary.

[2] Includes preliminary general sage-grouse habitat in Colorado and sage-grouse habitat outside of core areas in Wyoming.

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

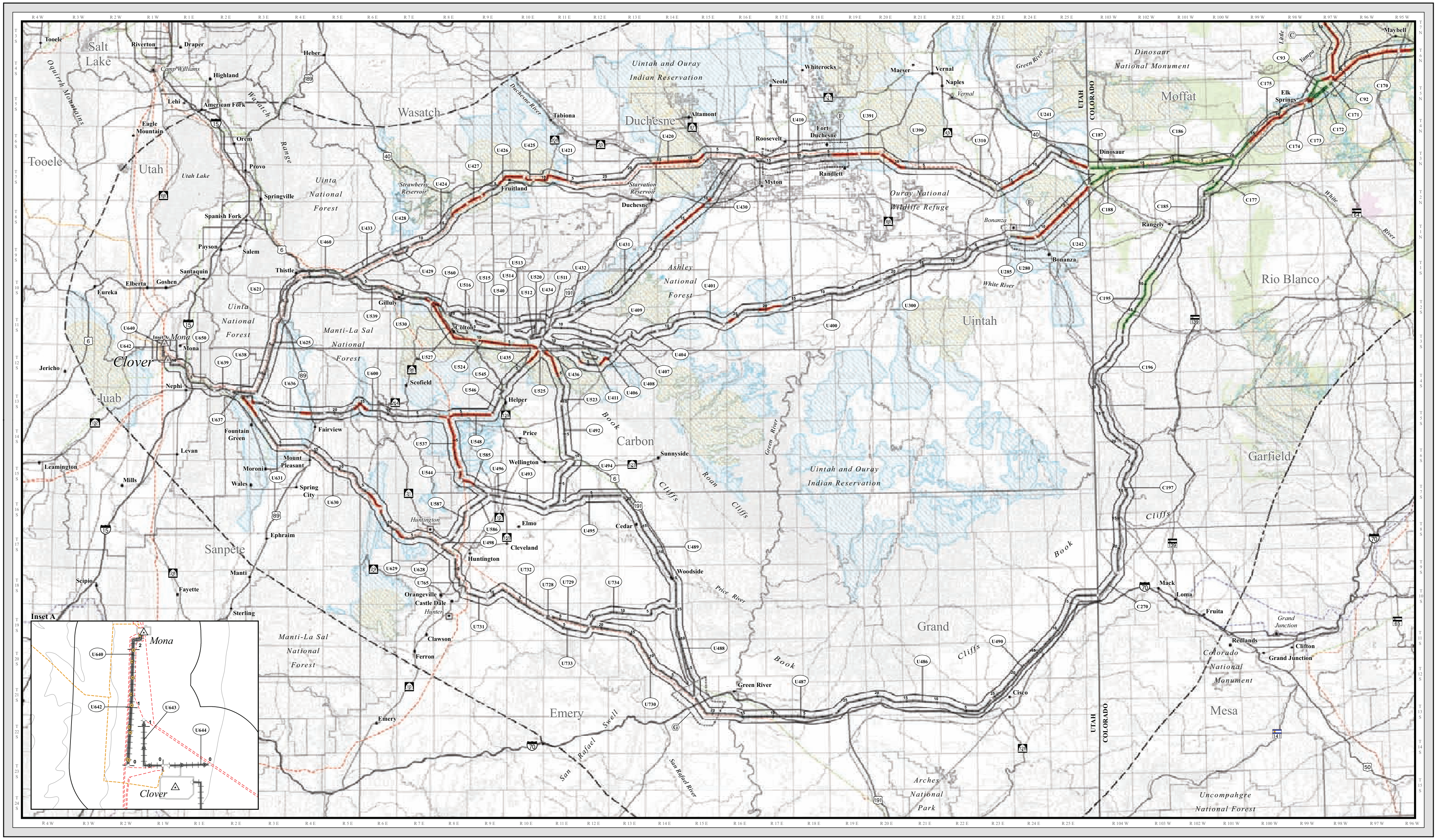
DRAFT EIS

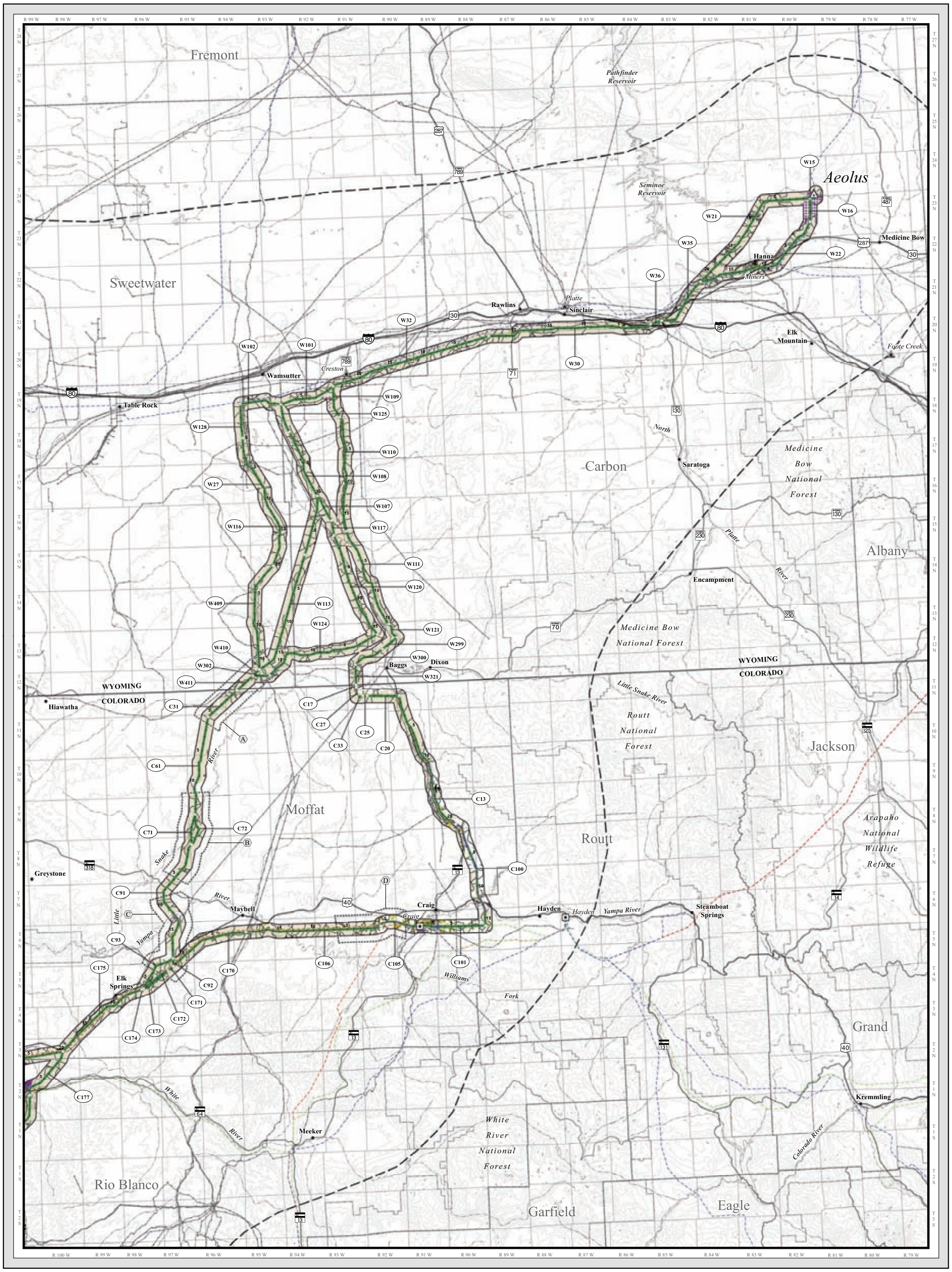
February 2014

Scale in Miles

0 3 6 12 18 Miles

1:380,160 or 1 inch = 6 miles



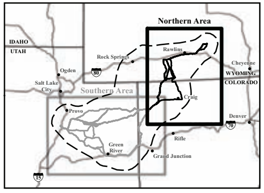


MV-13a

Existing Land Use

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index

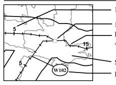


Resource Inventory

EXISTING LAND USE[1]

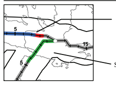
✈	Airport	🟦	Public/Quasi-Public
—	Road	🟨	Residential
🟩	Agriculture	⬛	Transportation
🟥	Commercial	⬛	Utility
🟪	Communication Facility	⬜	Undeveloped/Vacant
⬜	Grazing Allotment	▦	Wind Farm
🟪	Industrial		

Inventory Key



Milepost Identifer
Link Node
Reference Centerline of Alternative Route
Study Corridor
Link Identifer

Impact Key



Residual Impact
Study Corridor

Impact Levels

🟥	High	🟩	Low
🟦	Moderate	⬜	No Identifiable

Project Features

[ ]	Project Area Boundary	+++++	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚-Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—·· —	River or Stream
- - -	230kV Transmission Line	☐	State Boundary
- - -	138kV Transmission Line	☐	County Boundary
—+—+—	Railroad	☐	Jurisdictional Boundary
•—•—•	Pipeline		

Sources:

Airports as digitized by EPG, FAA 2009; Streetmap Roads, ESRI 2003;
Existing Land Use as digitized by EPG, NAIP 2011;
Communication Facilities, FCC 2009; Grazing Allotments, BLM 2002, 2009, 2011, USFS 1999, 2012,
Colorado State Land Board 2011, SITLA 2013, State of Wyoming 2013;
Residential Subdivisions, Carbon County, UT 2011b, Duchesne County 2009, Juab County 2009,
Moffat County 2009b, Sanpete County 2009, Utah County 2009;
Roosevelt Pipeline, Central Utah Water Conservancy District 2012;
Wind Farm as digitized by EPG, CH2MHILL/Wyoming Industrial Siting Division 2007;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Existing land use is only shown within the 2-mile-wide land use study corridor.
- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

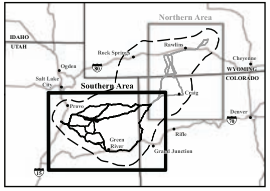
Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

MV-13b

Existing Land Use

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index

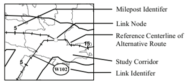


Resource Inventory

EXISTING LAND USE[1]

✈	Airport	🟦	Public/Quasi-Public
—	Road	🟨 ●	Residential
🟩	Agriculture	⬛	Transportation
🟥	Commercial	⬛	Utility
🟪 ●	Communication Facility	☐	Undeveloped/Vacant
▨	Grazing Allotment	▨	Wind Farm
🟪	Industrial		

Inventory Key



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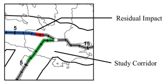


Impact Levels

🟥	High	🟩	Low
🟦	Moderate	⬜	No Identifiable

Project Features

[ ]	Project Area Boundary	┼┼┼ 5	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚ A	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—·· —	River or Stream
- - -	230kV Transmission Line	☐	State Boundary
- - -	138kV Transmission Line	☐	County Boundary
┼┼┼	Railroad	☐	Jurisdictional Boundary
•—•—•	Pipeline		

Sources:

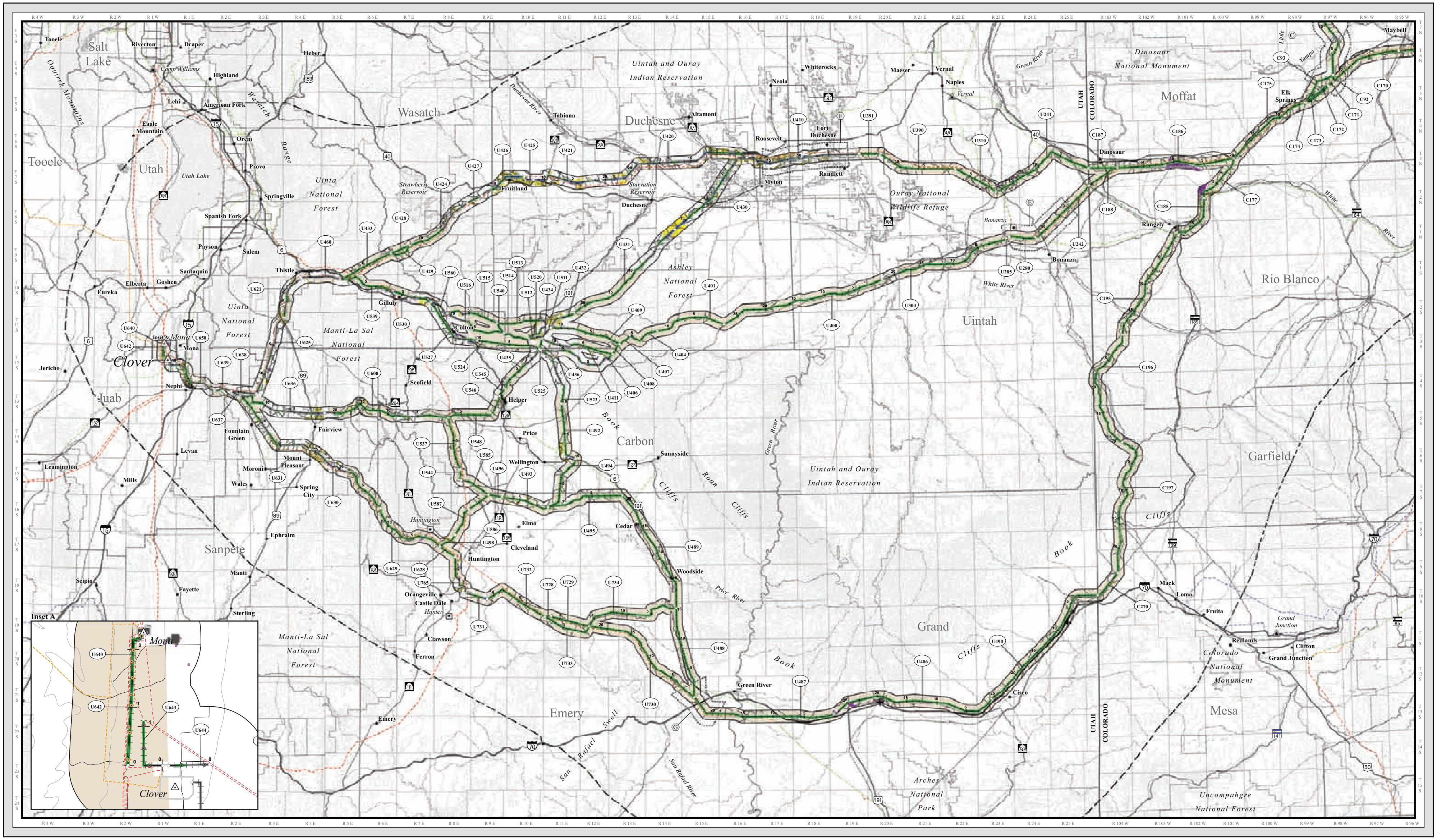
Airports as digitized by EPG, FAA 2009; Streetmap Roads, ESRI 2003;
Existing Land Use as digitized by EPG, NAIP 2011;
Communication Facilities, FCC 2009; Grazing Allotments, BLM 2002, 2009, 2011, USFS 1999, 2012,
Colorado State Land Board 2011, SITLA 2013, State of Wyoming 2013;
Residential Subdivisions, Carbon County, UT 2011b, Duchesne County 2009, Juab County 2009,
Moffat County 2009b, Sanpete County 2009, Utah County 2009;
Roosevelt Pipeline, Central Utah Water Conservancy District 2012;
Wind Farm as digitized by EPG, CH2MHILL/Wyoming Industrial Siting Division 2007;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

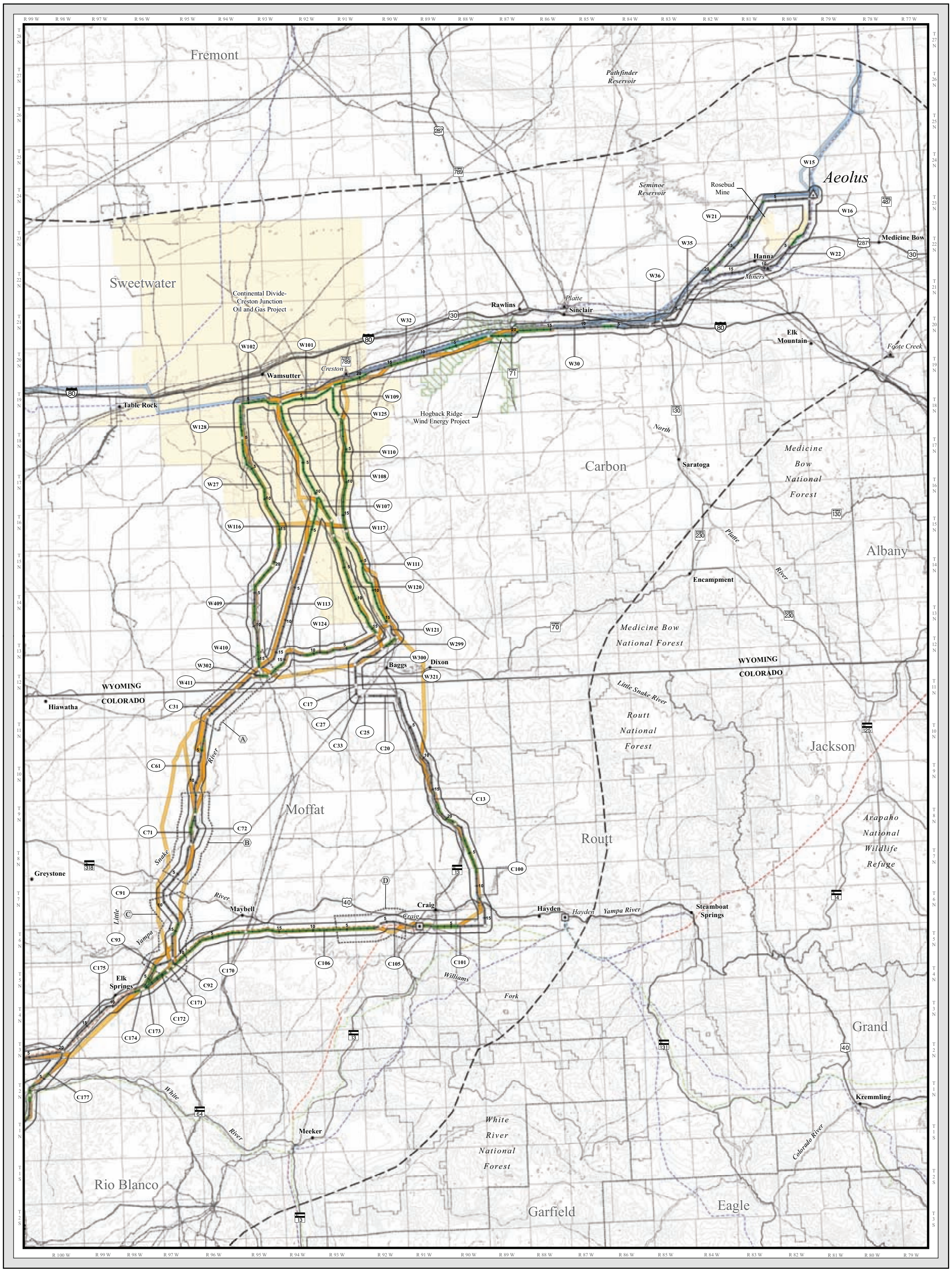
Notes:

[1] Existing land use is only shown within the 2-mile-wide land use study corridor.
- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles



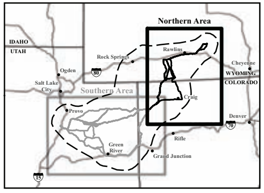


MV-14a

Future Land Use

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index

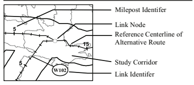


Resource Inventory

PROPOSED ACTIVITIES[1]

▲	Proposed Substation	🟥	Proposed Commercial
═	Proposed Road	🟨	Proposed Industrial
• ≀ ■	Proposed Narrows Dam and Reservoir Project	■	Proposed Parks and/or Preservation
—	Proposed Trail	🟦	Proposed Recreation
━	Proposed Energy Gateway West Transmission Line	🟨	Proposed Residential
━	Proposed TransWest Express Transmission Line	■	Proposed Utility
		▨	Proposed Wind Farm

Inventory Key



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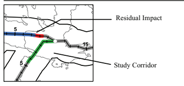


Impact Levels

🟥	High	🟩	Low
🟦	Moderate	■	No Identifiable

Project Features

[ ]	Project Area Boundary	+++++	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚-Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - - -	500kV Transmission Line	▒	Lake or Reservoir
- - - -	345kV Transmission Line	—··—	River or Stream
- - - -	230kV Transmission Line	☐	State Boundary
- - - -	138kV Transmission Line	☐	County Boundary
+++	Railroad	☐	Jurisdictional Boundary
•—•—•	Pipeline		

Sources:

Woodside Carbon Sequestration Site and Substation, BLM 2012aw; Interstate Loop Road, BLM 2012ax;
The Narrows Dam and Reservoir Project, SWCD 2012b; Energy Gateway West Transmission Line, Tetra Tech 2013;
TransWest Express Transmission Line, AECOM 2013;
Strawberry Highlands Proposed Commercial, Wasatch County 2012; Simple Land Divisions, Mesa County 2011;
Green River Industrial Site, SITLA 2013; Long Canyon Coal Lease, BLM 2012av;
Flat Canyon Coal Lease, USFS 2013e; Continental Divide-Creston Junction Oil and Gas Project, BLM 2007g;
Blacktail Ridge Exploratory Drill Project, URMCC 2013c; Proposed Oil and Gas Units, BLM 2012x, 2012ad;
Rosebud Mine, Ambre Energy 2012a;
Strawberry Highlands Proposed Parks, Recreation and Residential Subdivision, Wasatch County 2012;
Mona North Pumped Storage Project, BLM 2013o; Victory Pipeline, Jones and DeMille Engineering 2013;
Potential Wind Development Area, Emery County 2011; Hogback Ridge Wind Energy Project, BLM 2013h;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Only proposed activities that intersect the 2-mile-wide land use study corridor are shown and labeled on this map, and these are shown within the Project area boundary. Uses that have been authorized or approved are not displayed on this map, as construction for these projects may currently be underway or could begin at any time.

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

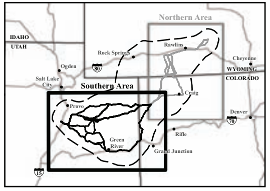
MV-14b

Future Land Use

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index

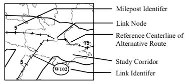


Resource Inventory

PROPOSED ACTIVITIES[1]

▲	Proposed Substation	🟥	Proposed Commercial
▬	Proposed Road	🟨	Proposed Industrial
● ≀ ■	Proposed Narrows Dam and Reservoir Project	▭	Proposed Parks and/or Preservation
─	Proposed Trail	🟦	Proposed Recreation
▬	Proposed Energy Gateway West Transmission Line	🟨	Proposed Residential
▬	Proposed TransWest Express Transmission Line	⬛	Proposed Utility
		▨	Proposed Wind Farm

Inventory Key



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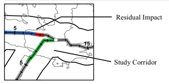

Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	┼┼┼┼	Alternative Route
△	Substation (Project Terminal)	●─●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚ Ⓐ	Series Compensation Station Siting Area	●─●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▒	Lake or Reservoir
- - -	345kV Transmission Line	─ · ─	River or Stream
- - -	230kV Transmission Line	▭	State Boundary
- - -	138kV Transmission Line	▭	County Boundary
┼┼┼	Railroad	⬚	Jurisdictional Boundary
•─•─•	Pipeline		

Sources:

Woodside Carbon Sequestration Site and Substation, BLM 2012aw; Interstate Loop Road, BLM 2012ax;
The Narrows Dam and Reservoir Project, SWCD 2012b; Energy Gateway West Transmission Line, Tetra Tech 2013;
TransWest Express Transmission Line, AECOM 2013;
Strawberry Highlands Proposed Commercial, Wasatch County 2012; Simple Land Divisions, Mesa County 2011;
Green River Industrial Site, SITLA 2013; Long Canyon Coal Lease, BLM 2012av;
Flat Canyon Coal Lease, USFS 2013e; Continental Divide-Creston Junction Oil and Gas Project, BLM 2007g;
Blacktail Ridge Exploratory Drill Project, URMCC 2013c; Proposed Oil and Gas Units, BLM 2012x, 2012ad;
Rosebud Mine, Ambre Energy 2012a;
Strawberry Highlands Proposed Parks, Recreation and Residential Subdivision, Wasatch County 2012;
Mona North Pumped Storage Project, BLM 2013o; Victory Pipeline, Jones and DeMille Engineering 2013;
Potential Wind Development Area, Emery County 2011; Hogback Ridge Wind Energy Project, BLM 2013h;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Only proposed activities that intersect the 2-mile-wide land use study corridor are shown and labeled on this map, and these are shown within the Project area boundary. Uses that have been authorized or approved are not displayed on this map, as construction for these projects may currently be underway or could begin at any time.

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- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

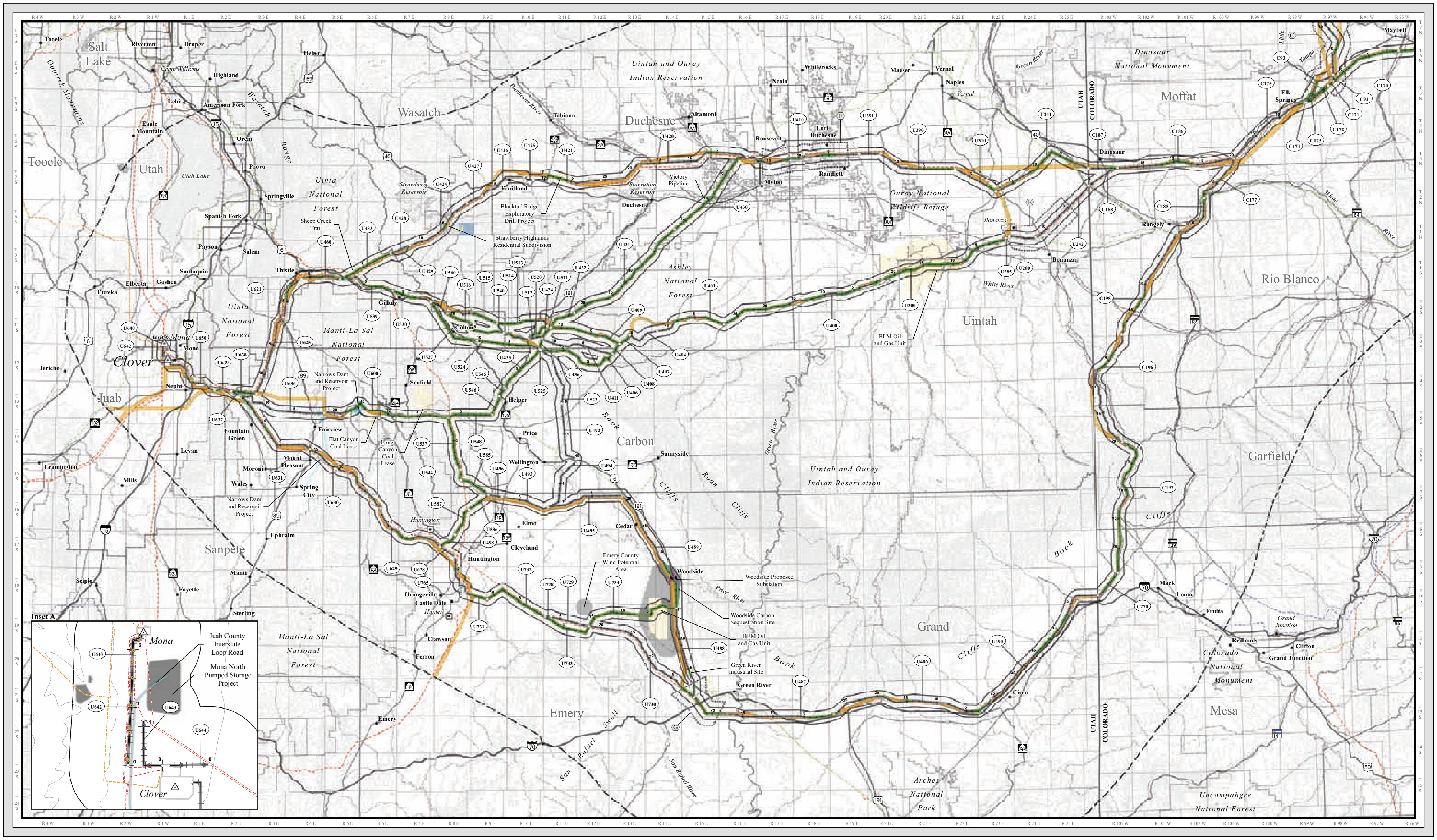
DRAFT EIS

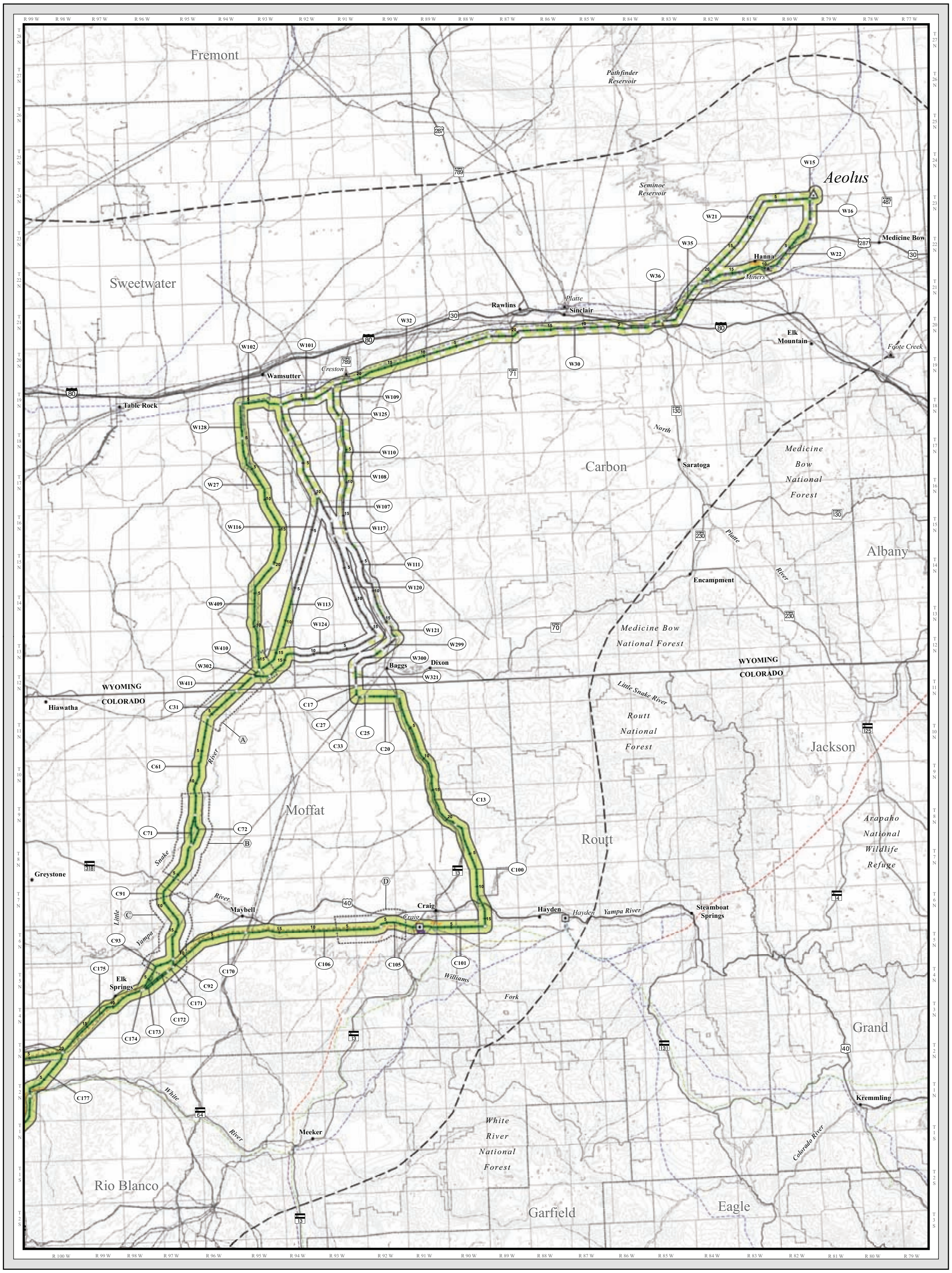
February 2014

Scale in Miles

0 3 6 12 18 Miles

1:380,160 or 1 inch = 6 miles



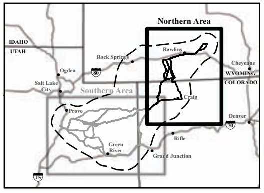


MV-15a

Zoning and General Plan Management Direction

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index

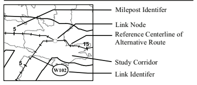


Resource Inventory

GENERALIZED ZONING[1,2]

🟩	Agriculture	🟦	Public/Quasi-public
🟥	Commercial	🟫	Rangeland
🟪	Industrial	🟦	Recreation
🟪	Mixed Use Residential	🟧	Residential
🟩	Park/Preservation		

Inventory Key



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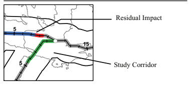

Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	+++++	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
----	500kV Transmission Line	▨	Lake or Reservoir
----	345kV Transmission Line	—··—	River or Stream
----	230kV Transmission Line	☐	State Boundary
----	138kV Transmission Line	⬚	County Boundary
+++	Railroad	⬚	Jurisdictional Boundary
•—•	Pipeline		

Sources:

Planned Land Use Zoning, Carbon County, Utah 2011, Carbon County, Wyoming 2011, Duchesne County 2007, Emery County 2012, Garfield County 2011, Grand County 2011, Mesa County 2011, Moffat County 2011, Rio Blanco County 2009, Routt County 2011, Sanpete County 2010, 2011, Sweetwater County 2012, Uintah County 2011, Utah County 2011, Wasatch County 2013;
Planned Land Use Zoning as compiled by EPG, Rio Blanco County 2012;
Planned Land Use Zoning as digitized by EPG, Juab County 2006, City of Ballard 2008, Town of Hanna 2004, Nephi City 2006, Roosevelt City 2010;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Generalized zoning is only shown within the 2-mile-wide land use study corridor.
[2] The EPG 2011 Zoning and General Plan Management Direction layer was created using a combination of general plans and zoning ordinances for all counties and cities within the 2-mile-wide land use study corridor. Each general plan and zoning ordinance designation was interpreted and grouped with like categories.

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- Contour interval: 150 meters

DRAFT EIS
February 2014

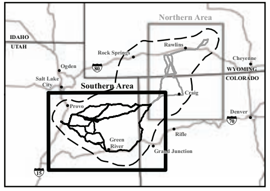
Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

MV-15b

Zoning and General Plan Management Direction

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index

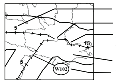


Resource Inventory

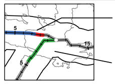
GENERALIZED ZONING[1,2]

- 🟩 Agriculture
- 🟥 Commercial
- 🟪 Industrial
- 🟪 Mixed Use Residential
- 🟩 Park/Preservation
- 🟦 Public/Quasi-public
- 🟫 Rangeland
- 🟦 Recreation
- 🟧 Residential

Inventory Key



Impact Key



Impact Levels

- 🟥 High
- 🟦 Moderate
- 🟩 Low
- ▬ No Identifiable

Project Features

- Project Area Boundary
- △ Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- ● City or Town
- ▲ Substation
- ▣ Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- 70 Interstate Highway
- 40 U.S. Highway
- 24 State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

Planned Land Use Zoning, Carbon County, Utah 2011, Carbon County, Wyoming 2011, Duchesne County 2007, Emery County 2012, Garfield County 2011, Grand County 2011, Mesa County 2011, Moffat County 2011, Rio Blanco County 2009, Routt County 2011, Sanpete County 2010, 2011, Sweetwater County 2012, Uintah County 2011, Utah County 2011, Wasatch County 2013;
Planned Land Use Zoning as compiled by EPG, Rio Blanco County 2012;
Planned Land Use Zoning as digitized by EPG, Juab County 2006, City of Ballard 2008, Town of Hanna 2004, Nephi City 2006, Roosevelt City 2010;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
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Notes:

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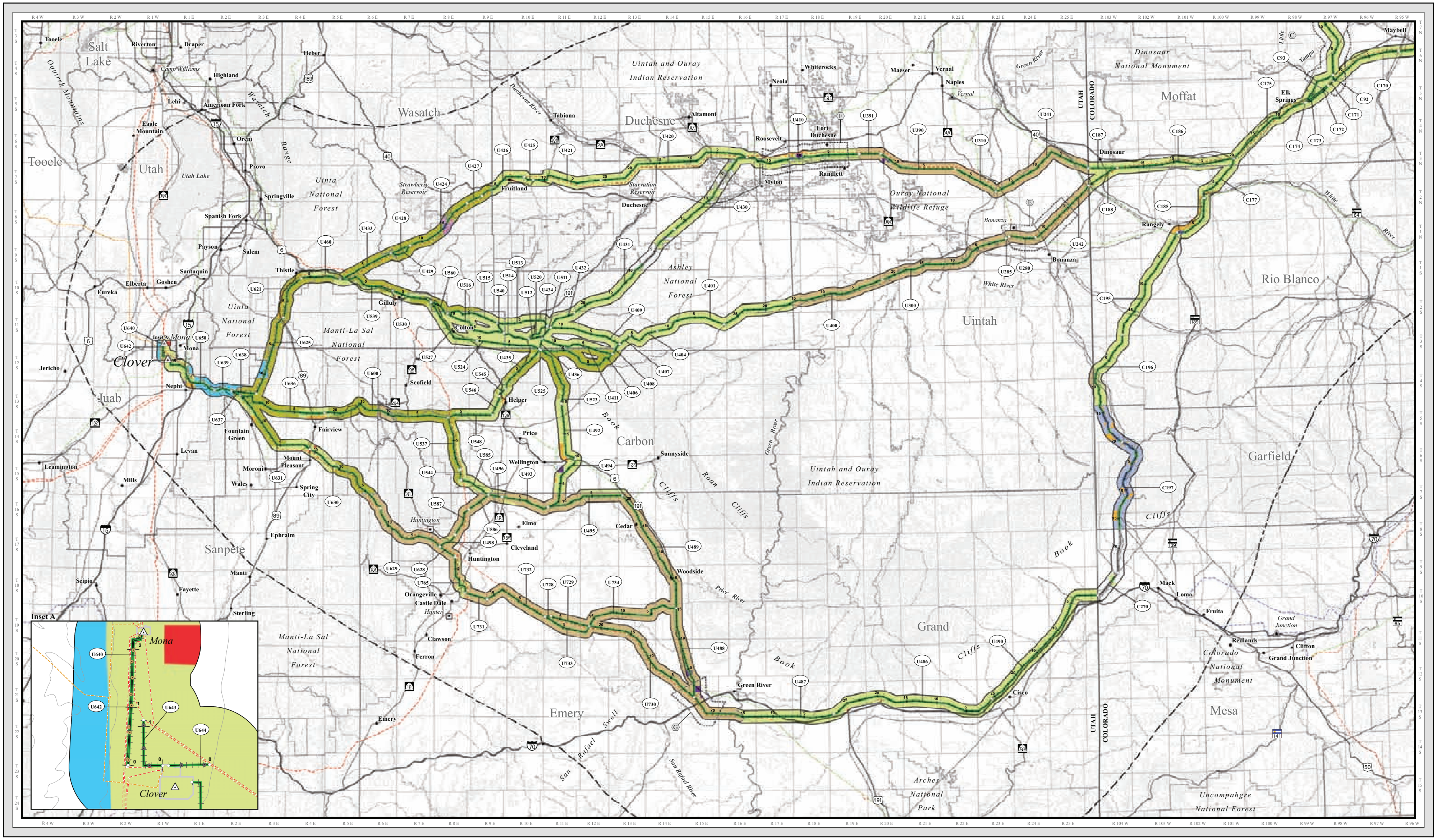
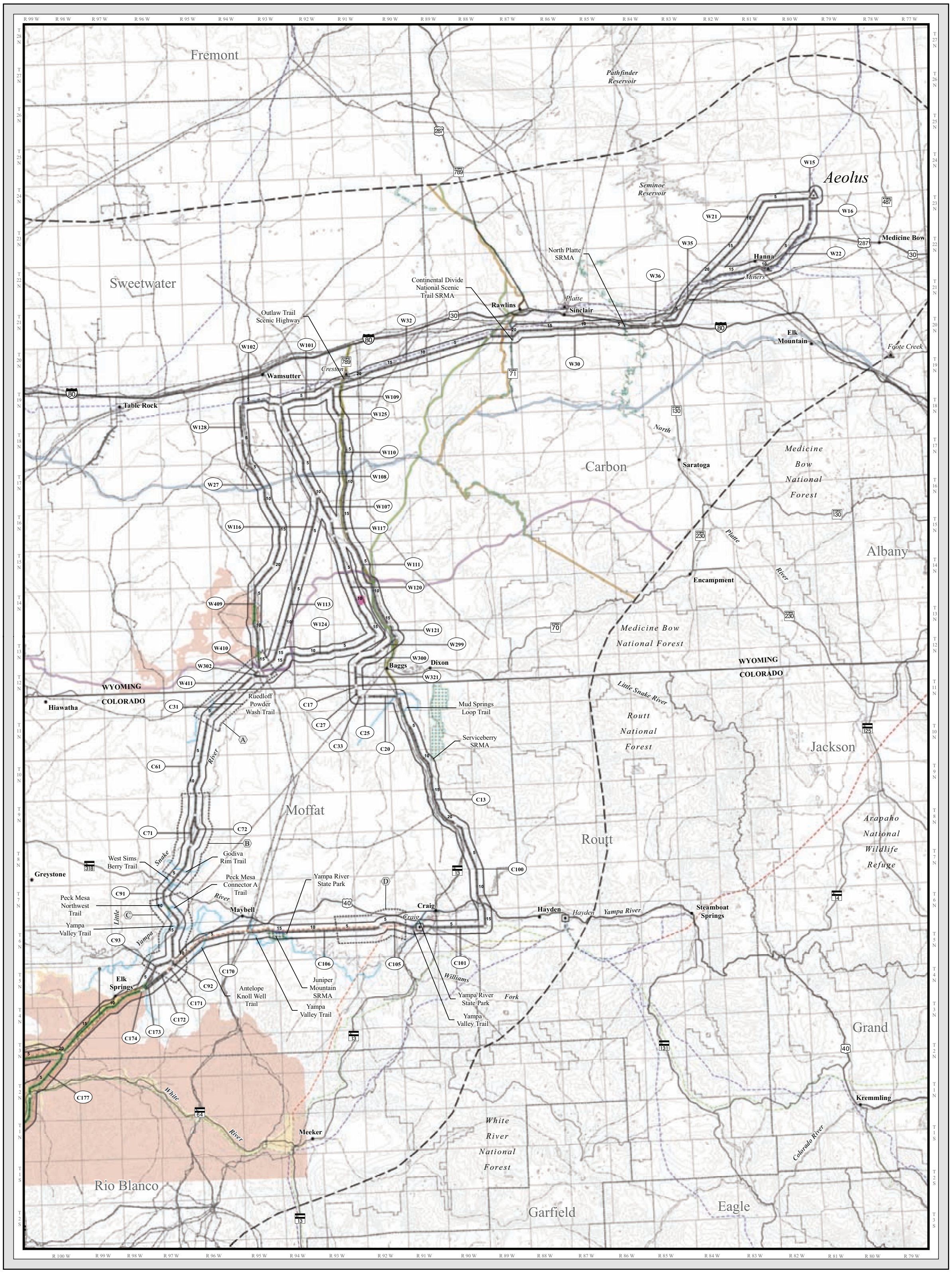
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles



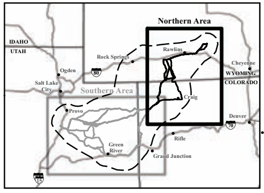


MV-16a

Parks, Preservation, and Recreation

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

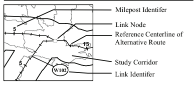
RECREATION RESOURCES[1]

∿	Non-Motorized Trail[2]	∿	Cherokee Historic Trail
∿	Motorized Trail[2]	∿	Old Spanish National Historic Trail
∿	Scenic Byway or Backway	∿	Overland Historic Trail
■	Recreation Use Area[3]	∿	Rawlins to Baggs Road Trail
▦	Special Recreation Management Area (SRMA)	∿	Continental Divide National Scenic Trail
■	State Park		

RECREATION OPPORTUNITY SPECTRUM[1]

■	Primitive	■	Roaded Natural
■	Semi-Primitive Non-Motorized	■	Rural
■	Semi-Primitive Motorized/ Front/Middle Country	■	Urban

Inventory Key



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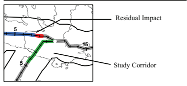

Impact Levels

━	High	━	Low
━	Moderate	━	No Identifiable

Project Features

[ ]	Project Area Boundary	┼┼┼	Alternative Route
△	Substation (Project Terminal)	●━●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚Ⓐ	Series Compensation Station Siting Area	●━●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town		Interstate Highway
▲	Substation		U.S. Highway
▣	Power Plant		State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—··—	River or Stream
- - -	230kV Transmission Line	▭	State Boundary
- - -	138kV Transmission Line	▭	County Boundary
┼┼┼	Railroad	▭	Jurisdictional Boundary
●━●	Pipeline		

Sources:

Recreation Trails, BLM 2007, 2010, 2011, 2012, USFS 2010, 2012, Carbon County 2005, 2011, Garfield County 1993, Mesa County 2011; Scenic Byways and Backways, BLM 2011, USFS 2009, 2012, ESRI 2008; Recreation Use Areas as digitized by EPG, NAIP 2011; Special Recreation Management Areas, BLM 2003, 2007, 2008, 2011; State Park or Recreation Area, BLM 2010, 2011, CPW 2011, University of Wyoming 1996; National Historic Trails, BLM 2002, 2010; Continental Divide National Scenic Trail, BLM 2013; Recreation Opportunity Spectrum, BLM 2008, 2009, 2011, USFS 1999, 2002, 2003; Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999; Series Compensation Station Siting Areas, Rocky Mountain Power 2013; City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009; Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013; Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008; Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011; Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008; Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

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[2] Only officially-named or numbered motorized and non-motorized trails that intersect the alternative route centerline are labeled on this map.

[3] Recreation use areas include campgrounds, parks, snow kite areas, ATV use areas, etc.

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- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

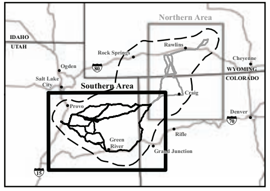
MV-16b

Parks, Preservation, and Recreation

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index



Resource Inventory

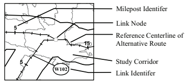
RECREATION RESOURCES[1]

〰	Non-Motorized Trail[2]	〰	Cherokee Historic Trail
〰	Motorized Trail[2]	〰	Old Spanish National Historic Trail
〰	Scenic Byway	〰	Overland Historic Trail
🟪	Recreation Use Area[3]	〰	Rawlins to Baggs Road Trail
▨	Special Recreation Management Area (SRMA)	〰	Continental Divide National Scenic Trail
🟩	State Park		

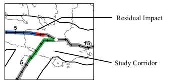
RECREATION OPPORTUNITY SPECTRUM[1]

🟫	Primitive	🟨	Roaded Natural
🟫	Semi-Primitive Non-Motorized	🟨	Rural
🟫	Semi-Primitive Motorized/ Front/Middle Country	🟨	Urban

Inventory Key



Impact Key



Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	+	Alternative Route
△	Substation (Project Terminal)	●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬡	Series Compensation Station Siting Area	●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

●	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
■	Power Plant	24	State Highway
---	500kV Transmission Line	▨	Lake or Reservoir
---	345kV Transmission Line	-·-	River or Stream
---	230kV Transmission Line	□	State Boundary
---	138kV Transmission Line	□	County Boundary
+	Railroad	□	Jurisdictional Boundary
●	Pipeline		

Sources:

Recreation Trails, BLM 2007, 2010, 2011, 2012, USFS 2010, 2012, Carbon County 2005, 2011, Garfield County 1993, Mesa County 2011; Scenic Byways and Backways, BLM 2011, USFS 2009, 2012, ESRI 2008; Recreation Use Areas as digitized by EPG, NAIP 2011; Special Recreation Management Areas, BLM 2003, 2007, 2008, 2011; State Park or Recreation Area, BLM 2010, 2011, CPW 2011, University of Wyoming 1996; National Historic Trails, BLM 2002, 2010; Continental Divide National Scenic Trail, BLM 2013; Recreation Opportunity Spectrum, BLM 2008, 2009, 2011, USFS 1999, 2002, 2003; Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999; Series Compensation Station Siting Areas, Rocky Mountain Power 2013; City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009; Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013; Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008; Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011; Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008; Land Jurisdiction, BLM 2009, 2010, USFS 2006

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- Contour interval: 150 meters

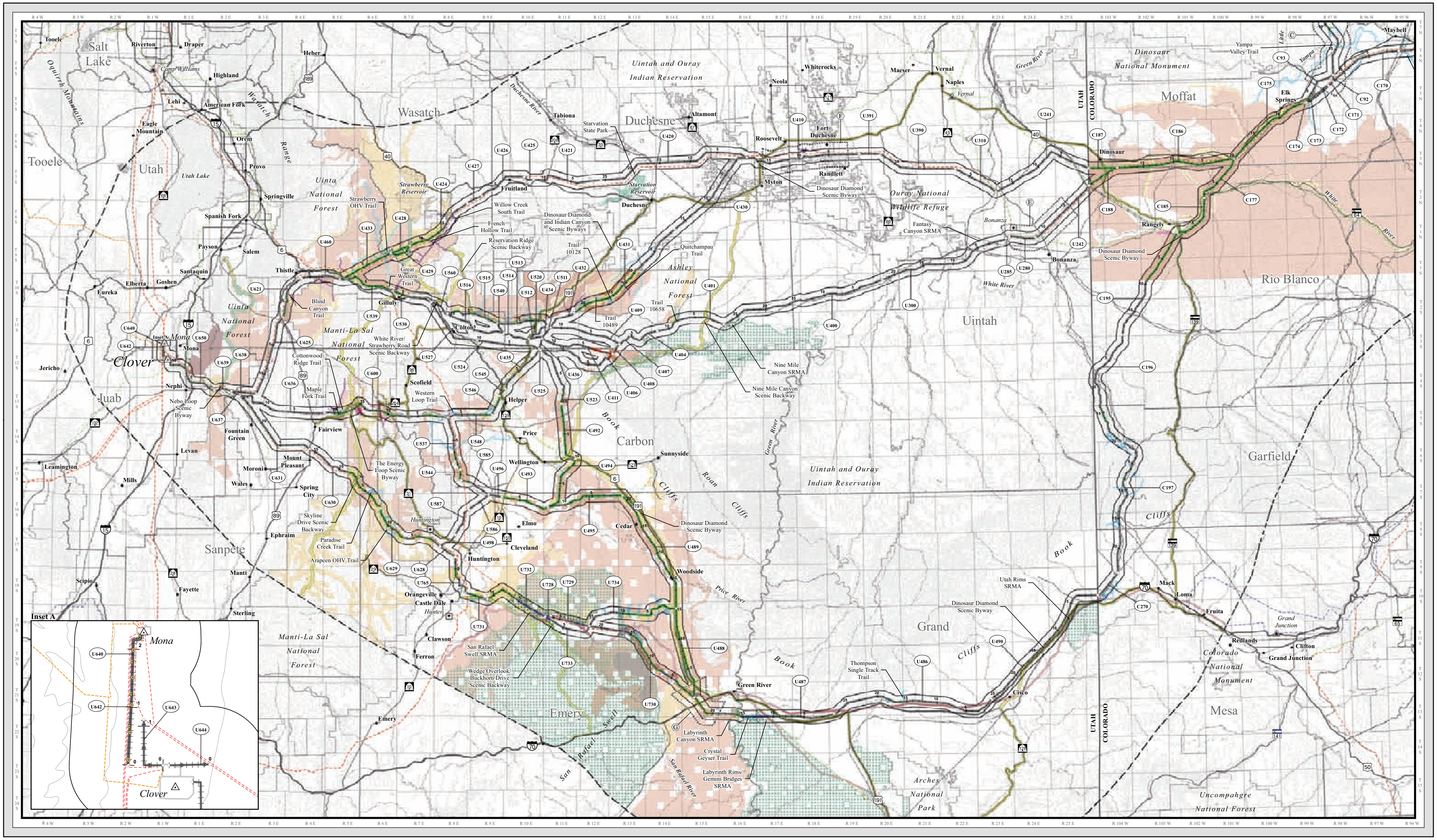
DRAFT EIS

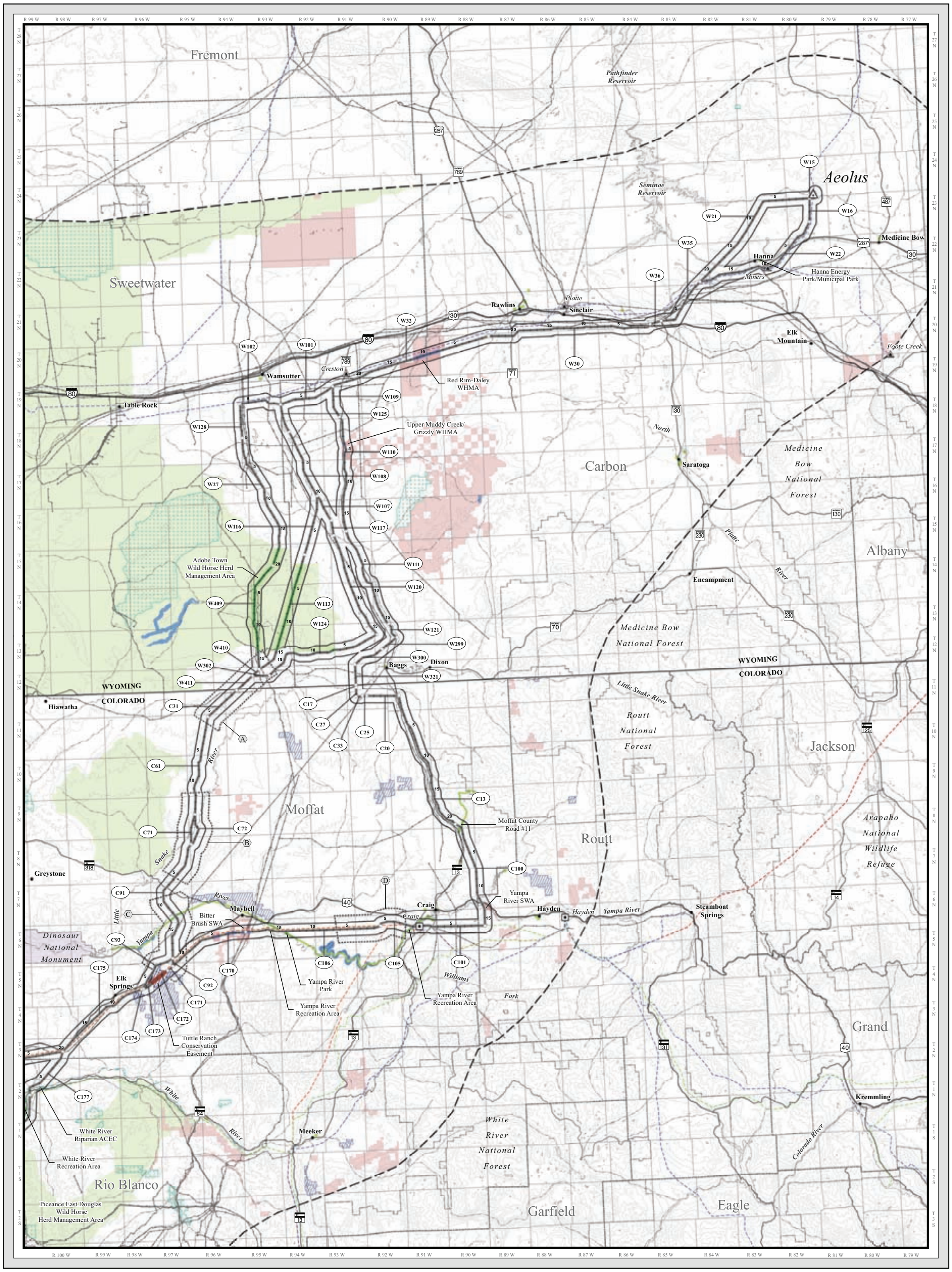
February 2014

Scale in Miles

0 3 6 12 18 Miles

1:380,160 or 1 inch = 6 miles



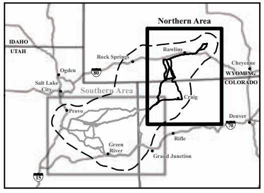


MV-17a

Special Designations and Other Management Areas

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

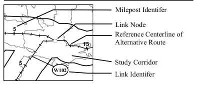
SPECIAL DESIGNATIONS[1]

▨	Area of Critical Environmental Concern (ACEC)	🟧	Research Natural Area (RNA)
🟫	National Conservation Area	🟦	Wild and Scenic River (Suitable)
🟪	National Park or National Monument	🟩	Wild Horse Herd Management Area

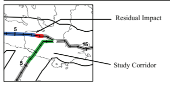
OTHER MANAGEMENT AREAS[1]

▨	Conservation Easements	🟩	Utah Reclamation Mitigation and Conservation Commission Property
∿	Lands and Water Conservation Fund Site	🟥	Wyoming Wildlife Habitat Management Area (WHMA), Colorado State Wildlife Area (SWA), or Utah Wildlife Management Area (WMA)
🟪	The Nature Conservancy Property		

Inventory Key



Impact Key



Impact Levels

🟥	High	🟩	Low
🟦	Moderate	⬜	No Identifiable

Project Features

[ ]	Project Area Boundary	┼┼┼	Alternative Route
△	Substation (Project Terminal)	●─●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚-Ⓐ	Series Compensation Station Siting Area	●─●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	▭	Interstate Highway
▲	Substation	▭	U.S. Highway
■	Power Plant	▭	State Highway
----	500kV Transmission Line	▒	Lake or Reservoir
----	345kV Transmission Line	─··─	River or Stream
----	230kV Transmission Line	▭	State Boundary
----	138kV Transmission Line	⬚	County Boundary
┼┼┼	Railroad	⬚	Jurisdictional Boundary
●─●	Pipeline		

Sources:
Areas of Critical Environmental Concern, BLM 2006, 2008, 2010, 2011, 2012;
National Conservation Areas, BLM 2011; National Park or National Monument, BLM 2010, 2011;
Research Natural Areas, USFS 2009; Wild and Scenic Rivers, BLM 2008, 2010, 2011;
Wild Horse Herd Management Areas, BLM 2004, 2005, 2009, 2010;
Conservation Easements, NRCS 2011, Colorado State Land Board 2010, CPW 2010, 2013, UDWR 2006, 2012, 2013,
Utah Forestry Legacy Program 2006, Garfield County 2011, Utah County 2009;
Lands and Water Conservation Fund Sites, Colorado State Park Department 2011, Utah State Park Department 2009,
Wyoming State Park Department 2011;
The Nature Conservancy Properties, UDWR 2013, Duchesne County 2012;
Utah Reclamation Mitigation and Conservation Commission Properties, URMCC 2012;
National or State Wildlife Management Areas, BLM 2005, 2010, FWS 2007, CPW 2010,
UDWR 2006, 2013, WGFD 2006;
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DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

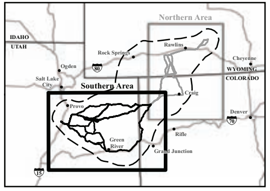
MV-17b

Special Designations and Other Management Areas

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index



Resource Inventory

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⬜	National Park or National Monument	🟩	Wild Horse Herd Management Area

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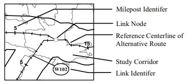
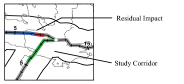
Inventory Key



Impact Key



Impact Levels

🟥	High	🟩	Low
🟦	Moderate	⬜	No Identifiable

Project Features

[ ]	Project Area Boundary	┼┼┼	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚ A	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▒	Lake or Reservoir
- - -	345kV Transmission Line	—·—	River or Stream
- - -	230kV Transmission Line	▭	State Boundary
- - -	138kV Transmission Line	▭	County Boundary
┼┼┼	Railroad	⬚	Jurisdictional Boundary
•—•	Pipeline		

Sources:

Areas of Critical Environmental Concern, BLM 2006, 2008, 2010, 2011, 2012;
National Conservation Areas, BLM 2011; National Park or National Monument, BLM 2010, 2011;
Research Natural Areas, USFS 2009; Wild and Scenic Rivers, BLM 2008, 2010, 2011;
Wild Horse Herd Management Areas, BLM 2004, 2005, 2009, 2010;
Conservation Easements, NRCS 2011, Colorado State Land Board 2010, CPW 2010, 2013, UDWR 2006, 2012, 2013,
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Lands and Water Conservation Fund Sites, Colorado State Park Department 2011, Utah State Park Department 2009,
Wyoming State Park Department 2011;
The Nature Conservancy Properties, UDWR 2013, Duchesne County 2012;
Utah Reclamation Mitigation and Conservation Commission Properties, URMCC 2012;
National or State Wildlife Management Areas, BLM 2005, 2010, FWS 2007, CPW 2010,
UDWR 2006, 2013, WGFD 2006;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
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Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
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DRAFT EIS
February 2014

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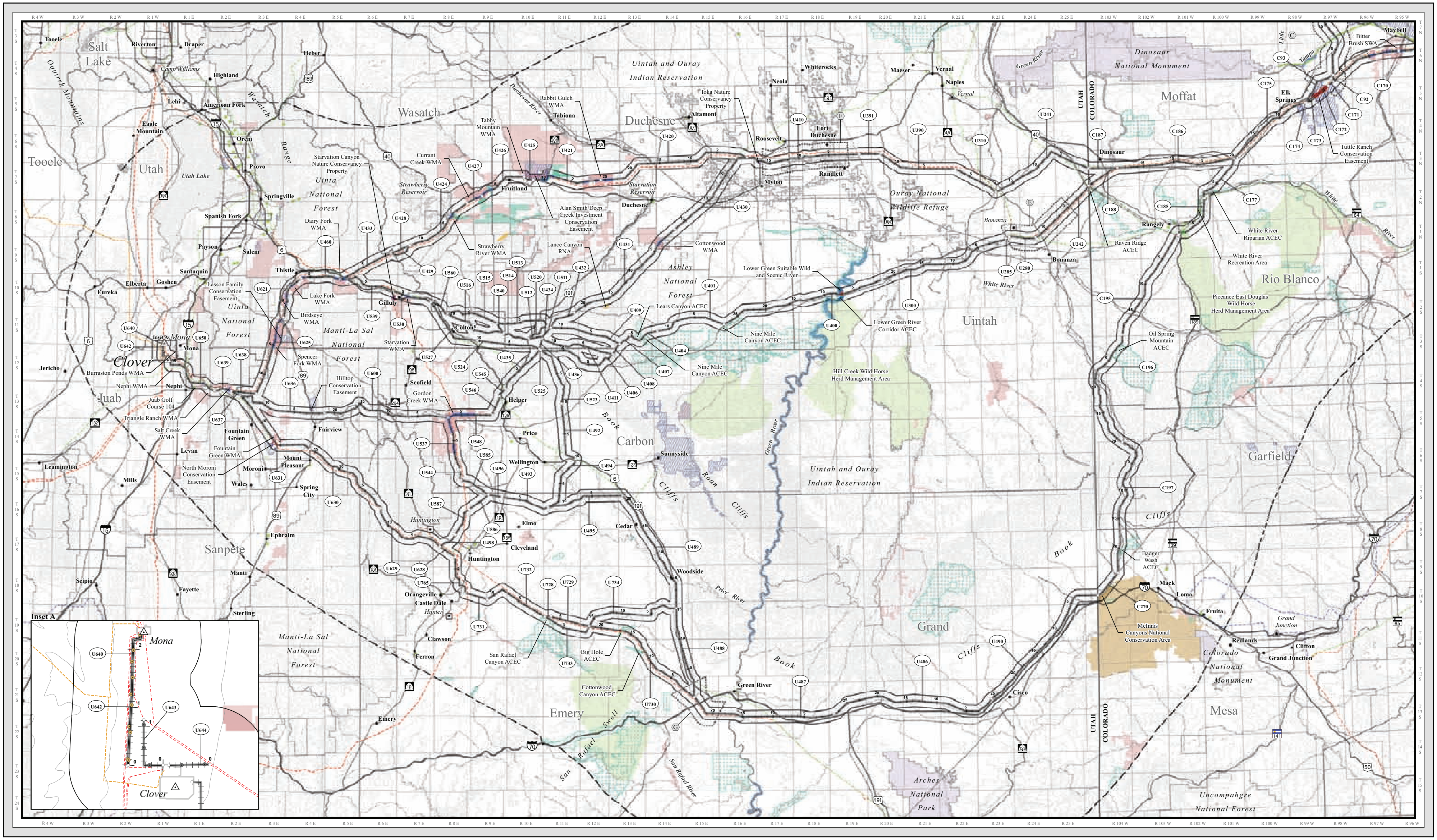
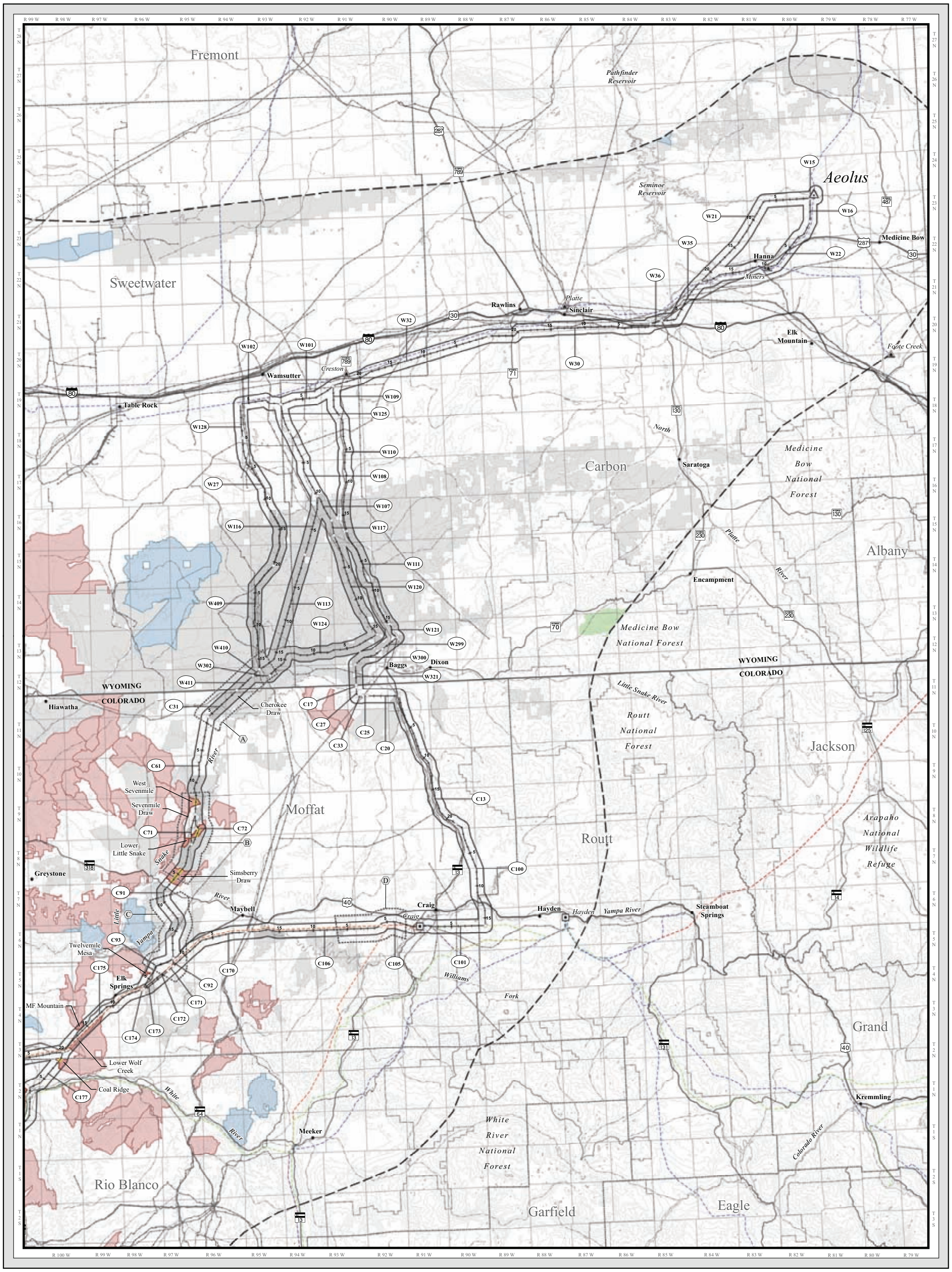


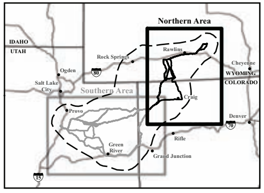


MV-18a

Wilderness Areas, Wilderness Study Areas, and Non-WSA Lands with Wilderness Characteristics

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

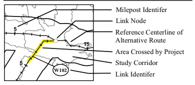
WILDERNESS AREAS AND WILDERNESS STUDY AREAS[1]

- 🟩 Wilderness Area
- 🟦 Wilderness Study Area (WSA)

NON-WSA LANDS WITH WILDERNESS CHARACTERISTICS[1]

- 🟥 Non-WSA Land with Wilderness Characteristics
- ⬜ Lands Inventoried - No Wilderness Characteristics Identified

Inventory Key



Project Features

[ ]	Project Area Boundary	┼┼┼┼	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚-Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—·· —	River or Stream
- - -	230kV Transmission Line	☐	State Boundary
- - -	138kV Transmission Line	☐	County Boundary
┼┼┼	Railroad	☐	Jurisdictional Boundary
•—•—•	Pipeline		

Sources:

Wilderness Areas, BLM 2009, USFS 2009, 2010, University of Montana 2010;
Wilderness Study Areas, BLM 2000, 2003, 2009, 2012;
Non-WSA Lands with Wilderness Characteristics, BLM 2011, 2012, 2013;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
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City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
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Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Wilderness areas, WSAs, and non-WSA lands with wilderness characteristics are only shown within the Project area boundary, and those that intersect the 2-mile-wide land use study corridor are labeled.

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- Contour interval: 150 meters

DRAFT EIS
February 2014

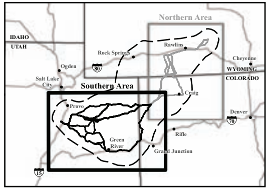
Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

MV-18b

Wilderness Areas, Wilderness Study Areas, and Non-WSA Lands with Wilderness Characteristics

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

WILDERNESS AREAS AND WILDERNESS STUDY AREAS[1]

- 🟩 Wilderness Area
- 🟦 Wilderness Study Area (WSA)

NON-WSA LANDS WITH WILDERNESS CHARACTERISTICS[1]

- 🟥 Non-WSA Land with Wilderness Characteristics
- ⬜ Lands Inventoried - No Wilderness Characteristics Identified

Inventory Key

- Milepost Identifer
- Link Node
- Reference Centerline of Alternative Route
- Area Crossed by Project
- Study Corridor
- Link Identifer

Project Features

- Project Area Boundary
- Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- City or Town
- Substation
- Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- Interstate Highway
- U.S. Highway
- State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

Wilderness Areas, BLM 2009, USFS 2009, 2010, University of Montana 2010;
Wilderness Study Areas, BLM 2000, 2003, 2009, 2012;
Non-WSA Lands with Wilderness Characteristics, BLM 2011, 2012, 2013;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
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Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
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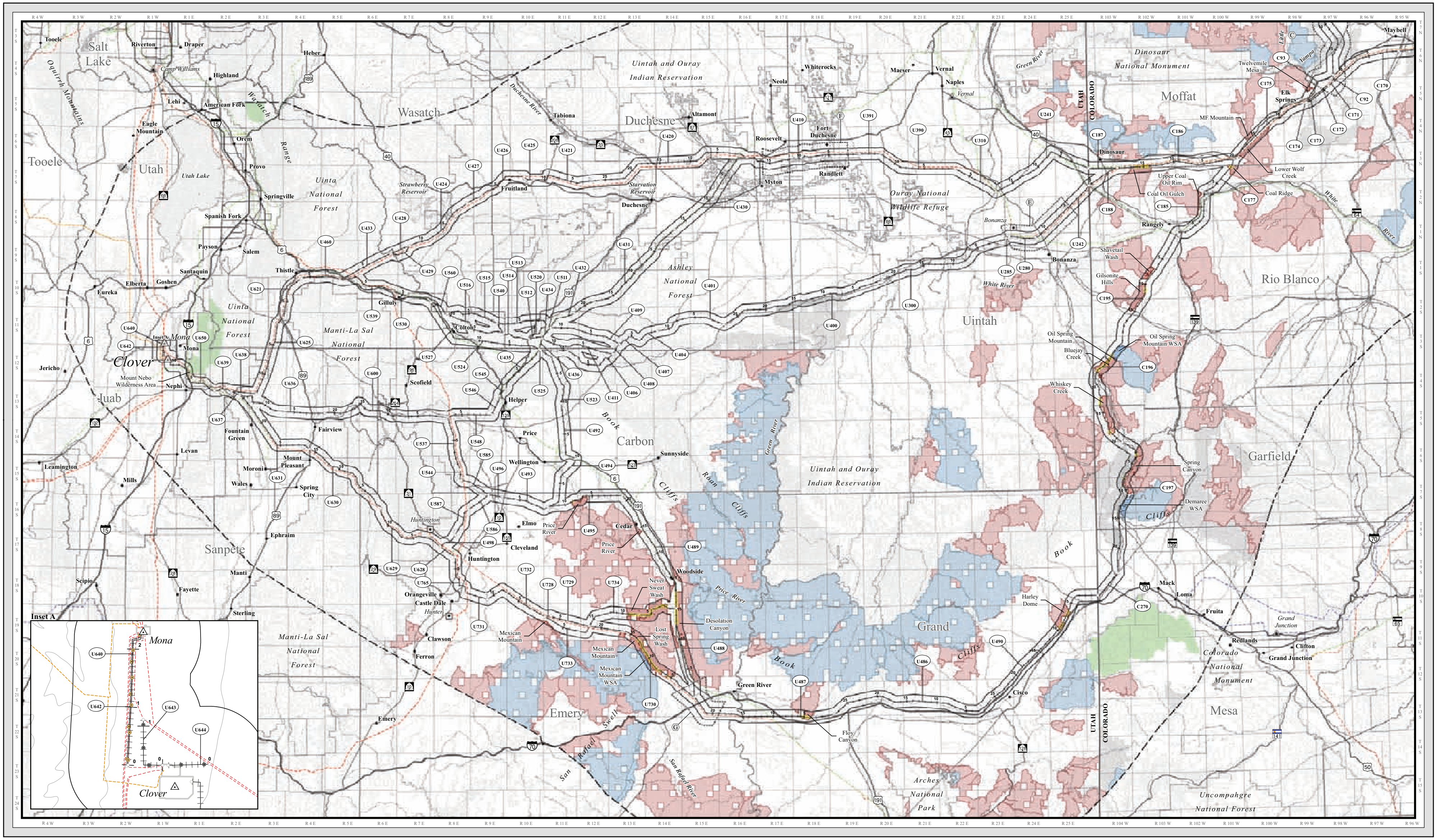
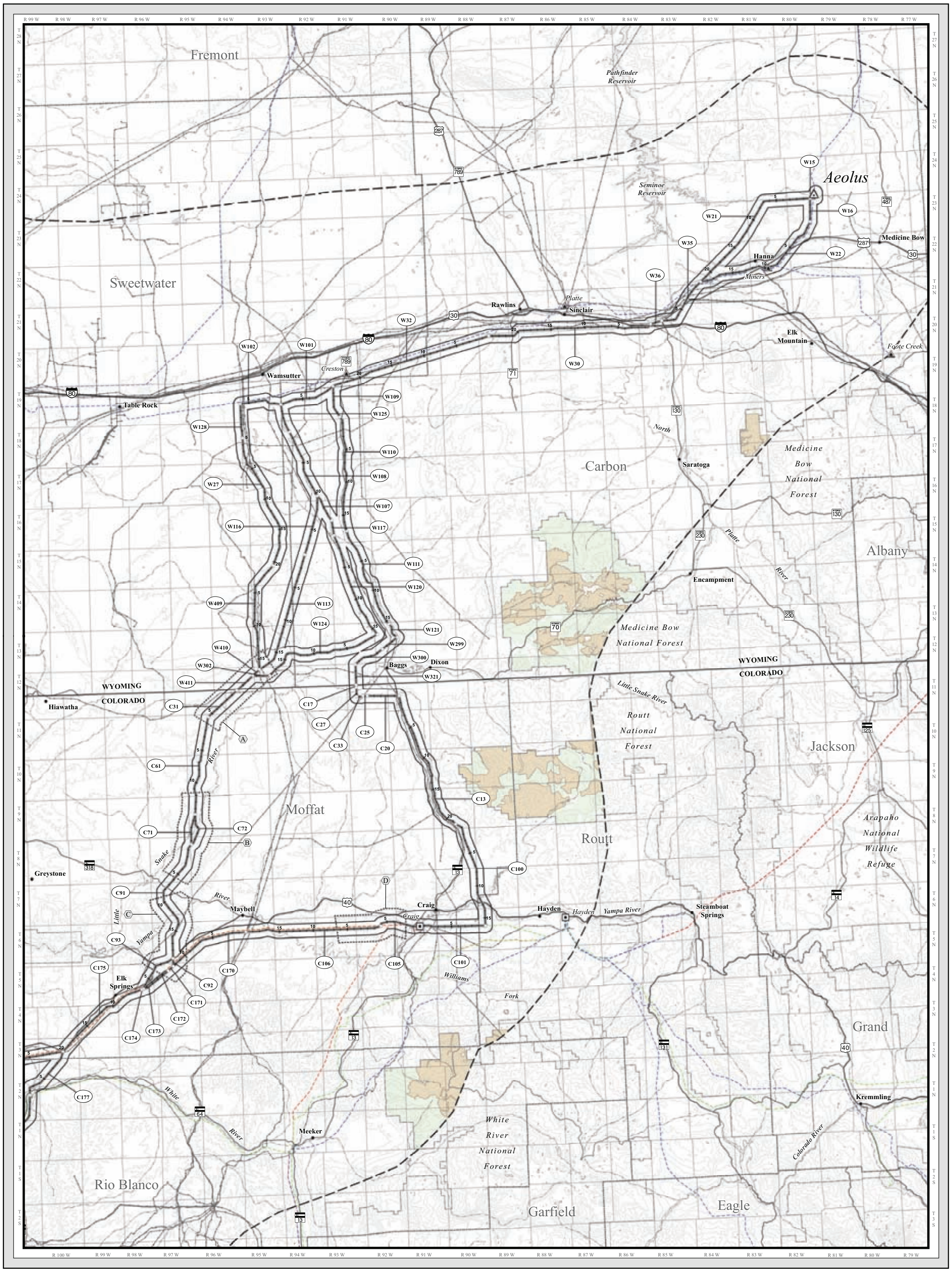
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles



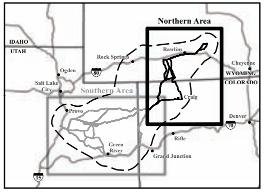


MV-19a

Inventoried Roadless and Unroaded/Undeveloped Areas

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

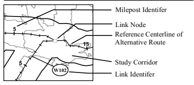
INVENTORIED ROADLESS AND UNROADED/UNDEVELOPED AREAS[1]

- 🟫 Inventoried Roadless Area (IRA)
- ▨ Unroaded/Undeveloped (U/U) Area

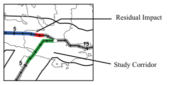
LAND OWNERSHIP

- 🟩 U.S. Forest Service

Inventory Key



Impact Key



Impact Levels

- 🟥 High
- 🟦 Moderate
- 🟩 Low
- ▬ No Identifiable

Project Features

- Project Area Boundary
- △ Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- ● City or Town
- Substation
- Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- Interstate Highway
- U.S. Highway
- State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

Inventoried Roadless Areas, USFS 2012; Unroaded and Undeveloped Areas, USFS 2010, 2012;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

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- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles

0 3 6 12 18 Miles

1:380,160 or 1 inch = 6 miles

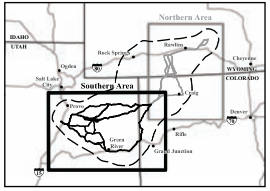
MV-19b

Inventoried Roadless and Unroaded/Undeveloped Areas

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index



Resource Inventory

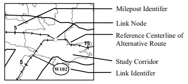
INVENTORIED ROADLESS AND UNROADED/UNDEVELOPED AREAS[1]

▨	Inventoried Roadless Area (IRA)
▨	Unroaded/Undeveloped (U/U) Area

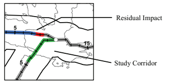
LAND OWNERSHIP

🟩	U.S. Forest Service

Inventory Key



Impact Key



Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	┼┼┼	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚ Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—··	River or Stream
- - -	230kV Transmission Line	☐	State Boundary
- - -	138kV Transmission Line	☐	County Boundary
┼┼┼	Railroad	☐	Jurisdictional Boundary
•—•	Pipeline		

Sources:

Inventoried Roadless Areas, USFS 2012; Unroaded and Undeveloped Areas, USFS 2010, 2012;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
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Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

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- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

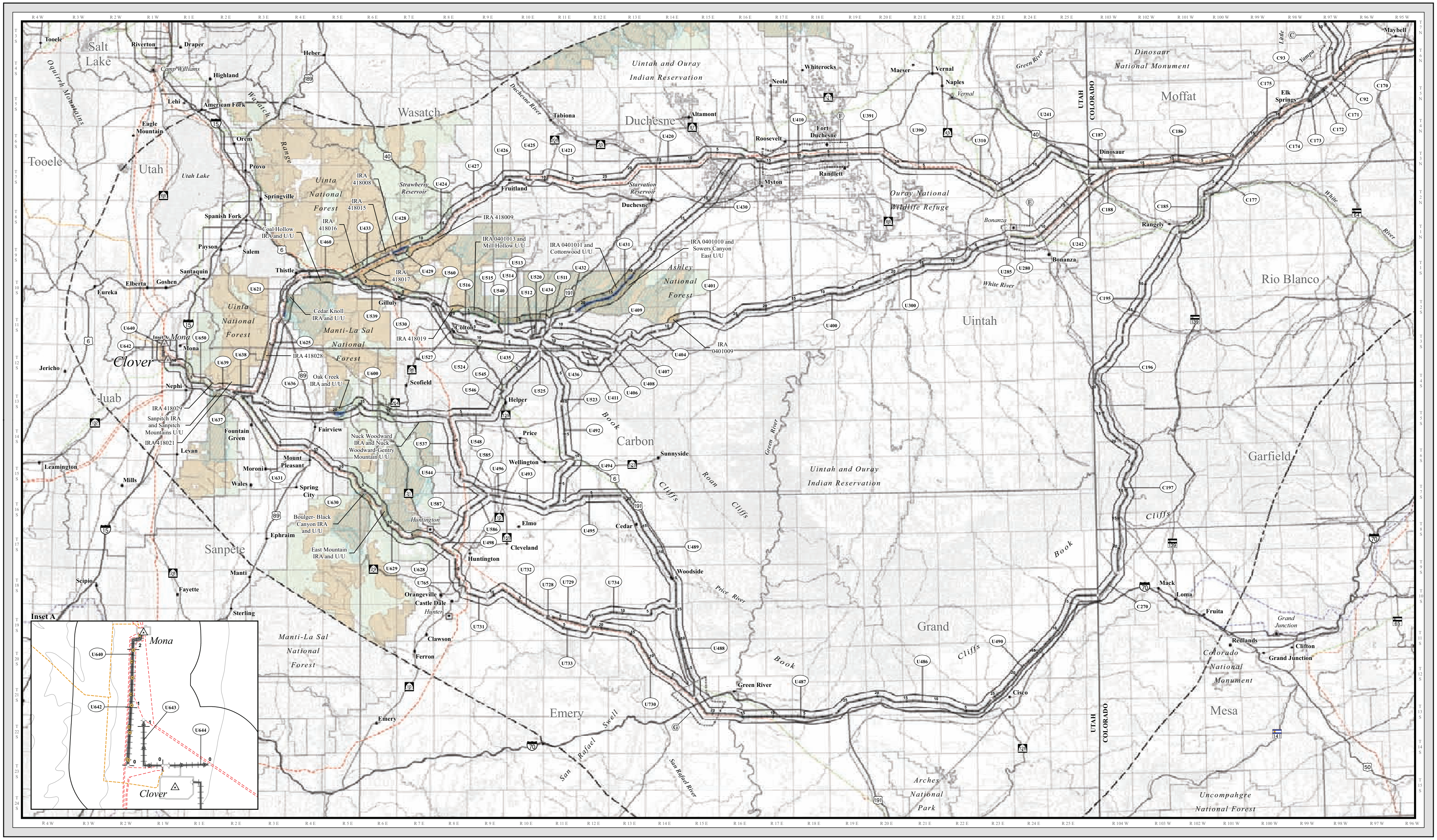
DRAFT EIS

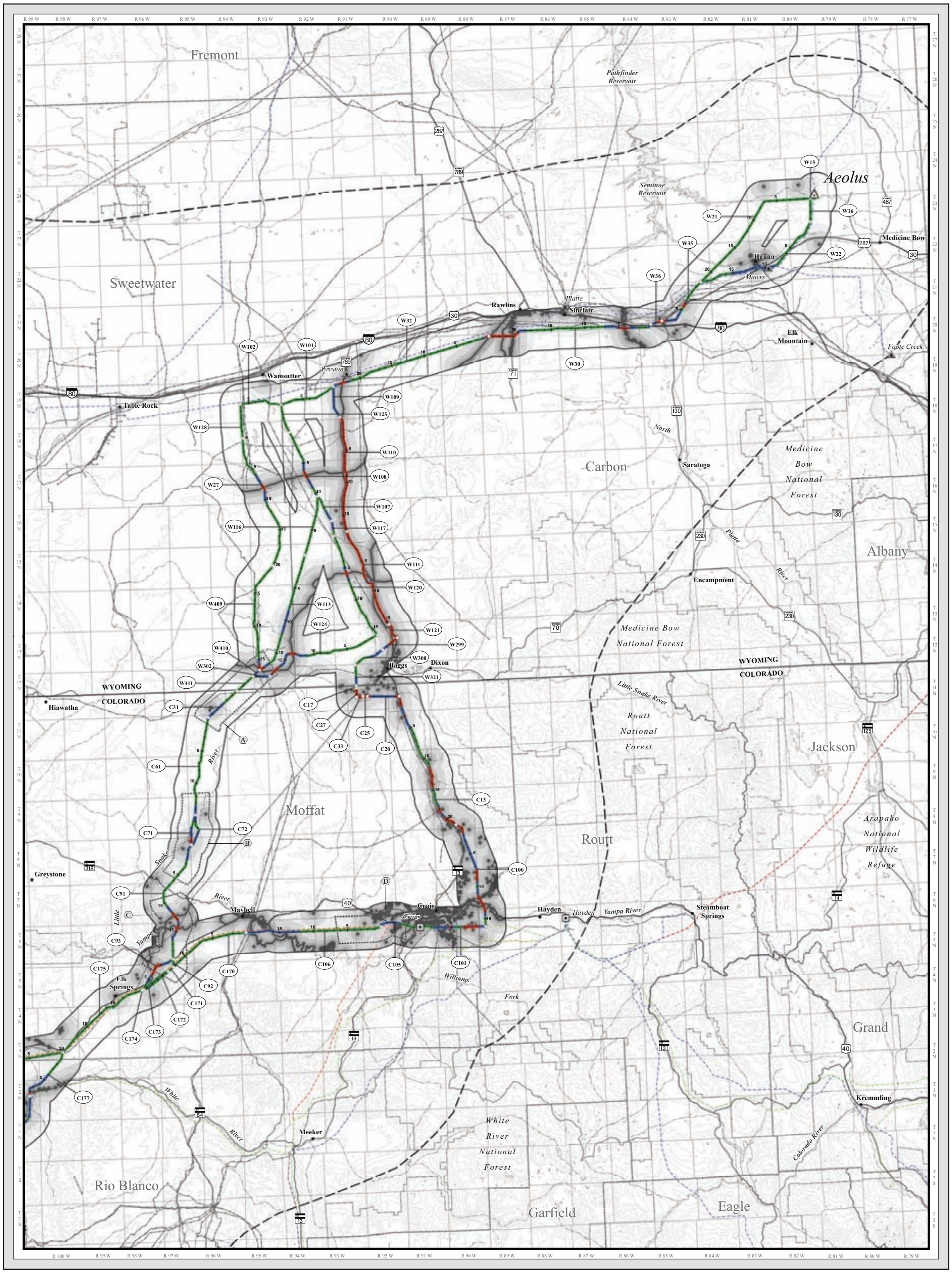
February 2014

Scale in Miles

0 3 6 12 18 Miles

1:380,160 or 1 inch = 6 miles



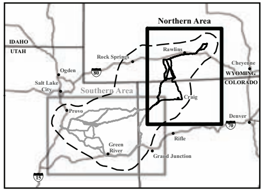


MV-20a

High Concern Viewers

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

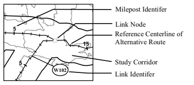
HIGH CONCERN VIEWERS[1]

- • ⌇ ■ High Concern Level Viewer

INFLUENCE ZONES[1]

- ▩ 0 to 0.5 mile
- ▩ 0.5 to 1.0 mile
- ▩ 1.0 to 2.0 miles
- ▩ 2.0 to 3.0 miles
- ☐ Over 3.0 miles

Inventory Key



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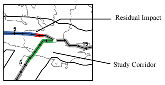

Impact Levels

- 🟥 High
- 🟦 Moderate
- 🟩 Low
- ▬ No Identifiable

Project Features

- Project Area Boundary
- Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- City or Town
- Substation
- Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- Interstate Highway
- U.S. Highway
- State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

Existing Land Use as digitized by EPG, NAIP 2011;
Areas of Critical Environmental Concern, BLM 2006, 2008, 2010, 2011, 2012;
Special Recreation Management Areas, BLM 2003, 2007, 2008, 2011;
National or State Wildlife Management Areas, CPW 2010, UDWR 2006;
National Park or National Monument, BLM 2010, 2011;
National Wildlife Refuges, BLM 2010; Visually Sensitive Travel Routes as digitized by EPG, NAIP 2011, ESRI 2008;
Visually Sensitive Waterways and Water Bodies, USGS 2011;
Recreation Trails, BLM 2007, 2010, 2011, 2012, USFS 2010, 2012, Carbon County 2005, 2011,
Garfield County 1993, Mesa County 2011;
Scenic Byways, BLM 2011, USFS 2009, 2012, ESRI 2008; Canyon Pintado National Historic District, BLM 2009;
National Historic Trails, BLM 2002, 2010; Continental Divide National Scenic Trail, BLM 2013;
Wilderness Areas, USFS 2009; Wilderness Study Areas, BLM 2000, 2003, 2009, 2012;
State Park or Recreation Area, BLM 2010, 2011, CPW 2011, University of Wyoming 1996;
Wild and Scenic Rivers, BLM 2008, 2010, 2011;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
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Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

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DRAFT EIS

February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

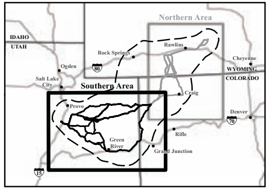
MV-20b

High Concern Viewers

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index



Resource Inventory

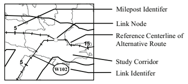
HIGH CONCERN VIEWERS[1]

- ■ High Concern Level Viewer

INFLUENCE ZONES[1]

- ▨ 0 to 0.5 mile
- ▨ 0.5 to 1.0 mile
- ▨ 1.0 to 2.0 miles
- ▨ 2.0 to 3.0 miles
- ☐ Over 3.0 miles

Inventory Key



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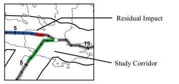

Impact Levels

- 🟥 High
- 🟦 Moderate
- 🟩 Low
- ▬ No Identifiable

Project Features

- Project Area Boundary
- △ Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- ● City or Town
- ▲ Substation
- ■ Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- 70 Interstate Highway
- 40 U.S. Highway
- 24 State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

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National or State Wildlife Management Areas, CPW 2010, UDWR 2006;
National Park or National Monument, BLM 2010, 2011;
National Wildlife Refuges, BLM 2010; Visually Sensitive Travel Routes as digitized by EPG, NAIP 2011, ESRI 2008;
Visually Sensitive Waterways and Water Bodies, USGS 2011;
Recreation Trails, BLM 2007, 2010, 2011, 2012, USFS 2010, 2012, Carbon County 2005, 2011,
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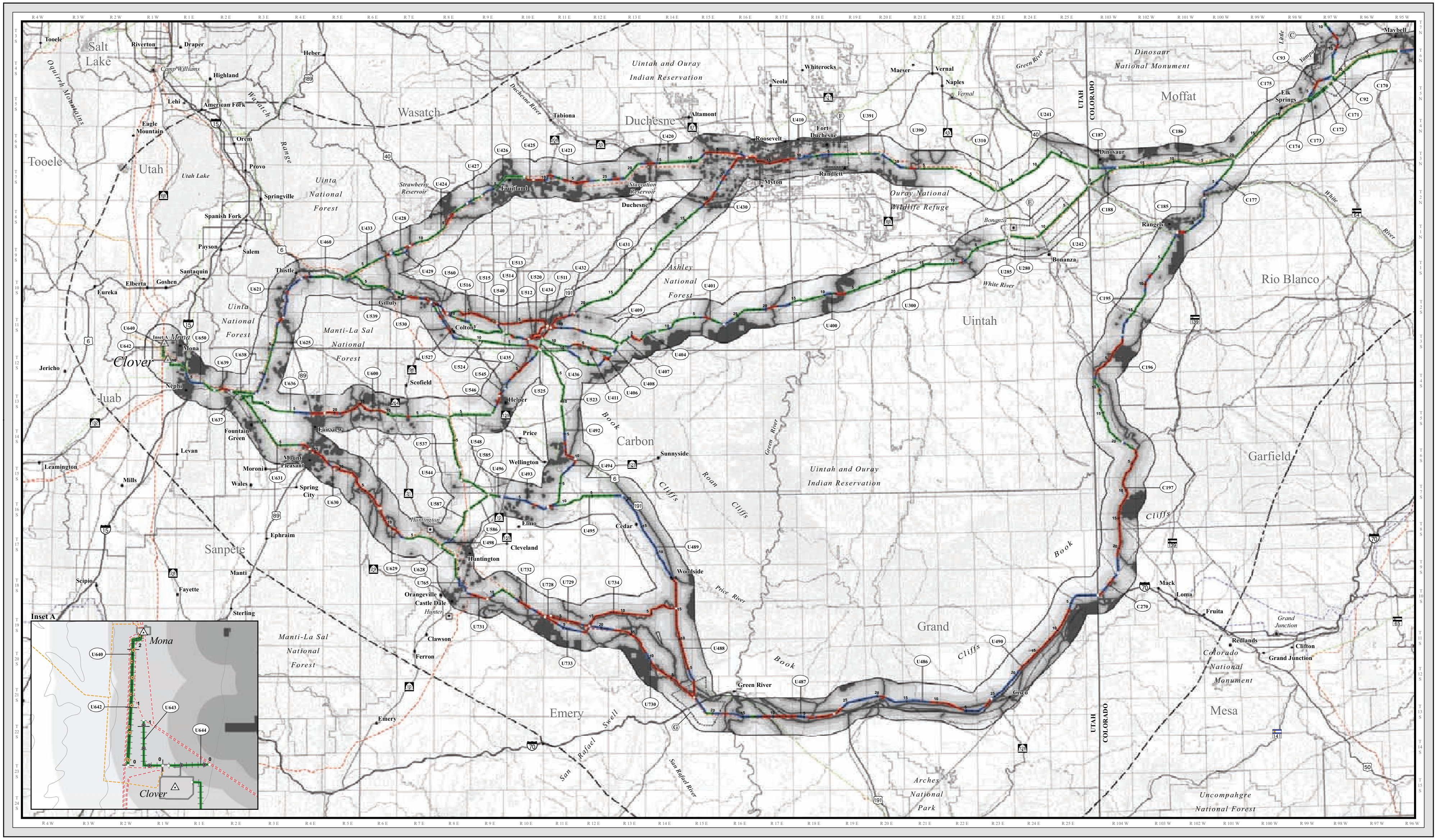
DRAFT EIS

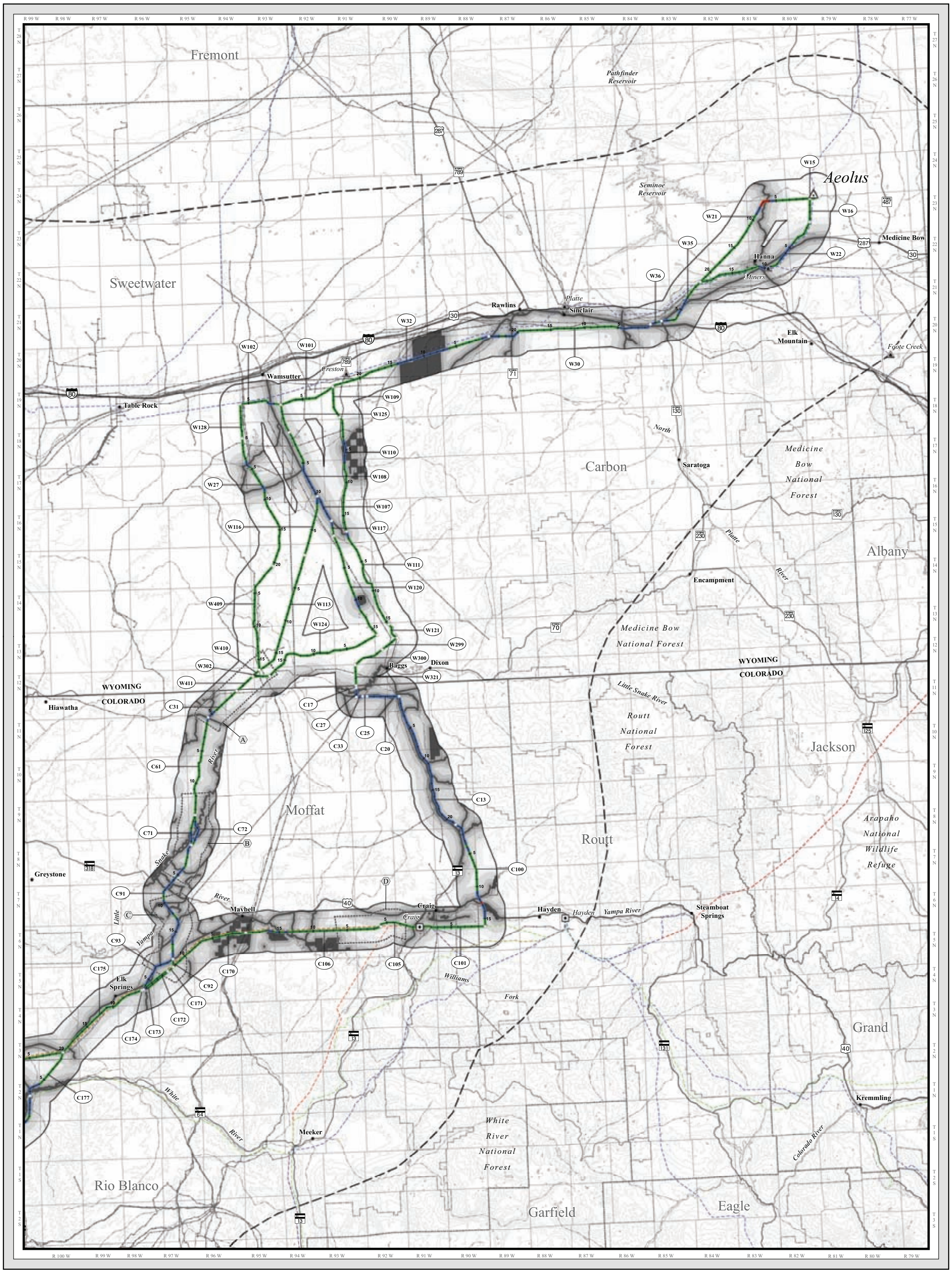
February 2014

Scale in Miles

0 3 6 12 18 Miles

1:380,160 or 1 inch = 6 miles





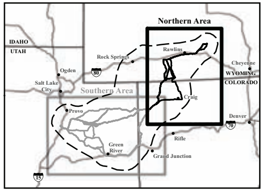
MV-21a

Moderate Concern Viewers

ENERGY GATEWAY SOUTH
TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index



Resource Inventory

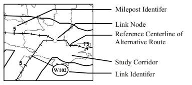
MODERATE CONCERN VIEWERS[1]

• ⟆ ■ Moderate Concern Level Viewer

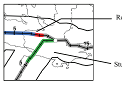
INFLUENCE ZONES[1]

▓	0 to 0.5 mile
▒	0.5 to 1.0 mile
░	1.0 to 2.0 miles
░	2.0 to 3.0 miles
□	Over 3.0 miles

Inventory Key



Impact Key



Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	+++++	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚-Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

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▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—··—	River or Stream
- - -	230kV Transmission Line	□	State Boundary
- - -	138kV Transmission Line	⬚	County Boundary
+++	Railroad	⬚	Jurisdictional Boundary
•—•	Pipeline		

Sources:

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Special Recreation Management Areas, BLM 2003, 2007, 2008, 2011;
National or State Wildlife Management Areas, BLM 2005, 2010, FWS 2007, CPW 2010, UDWR 2006, 2013, WGFD 2006; National Conservation Areas, BLM 2011;
Visually Sensitive Travel Routes as digitized by EPG, NAIP 2011, ESRI 2008;
Visually Sensitive Waterways and Water Bodies, USGS 2011;
Recreation Trails, BLM 2007, 2010, 2011, 2012, USFS 2010, 2012, Carbon County 2005, 2011, Garfield County 1993, Mesa County 2011;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
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Land Jurisdiction, BLM 2009, 2010, USFS 2006

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- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles

0 3 6 12 18 Miles

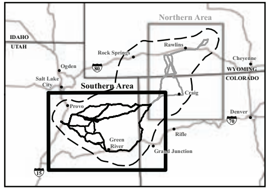
1:380,160 or 1 inch = 6 miles

MV-21b

Moderate Concern Viewers

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

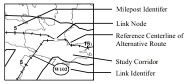
MODERATE CONCERN VIEWERS[1]

- Moderate Concern Level Viewer

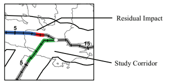
INFLUENCE ZONES[1]

- 0 to 0.5 mile
- 0.5 to 1.0 mile
- 1.0 to 2.0 miles
- 2.0 to 3.0 miles
- Over 3.0 miles

Inventory Key



Impact Key



Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	+++++	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚-Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

•	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	-·-·-	River or Stream
- - -	230kV Transmission Line	☐	State Boundary
- - -	138kV Transmission Line	☐	County Boundary
+-+-+	Railroad	⬚	Jurisdictional Boundary
•—•	Pipeline		

Sources:

Existing Land Use as digitized by EPG, NAIP 2011;
Areas of Critical Environmental Concern, BLM 2006, 2008, 2010, 2011, 2012;
Special Recreation Management Areas, BLM 2003, 2007, 2008, 2011;
National or State Wildlife Management Areas, BLM 2005, 2010, FWS 2007, CPW 2010, UDWR 2006, 2013, WGFD 2006; National Conservation Areas, BLM 2011;
Visually Sensitive Travel Routes as digitized by EPG, NAIP 2011, ESRI 2008;
Visually Sensitive Waterways and Water Bodies, USGS 2011;
Recreation Trails, BLM 2007, 2010, 2011, 2012, USFS 2010, 2012, Carbon County 2005, 2011, Garfield County 1993, Mesa County 2011;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
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Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

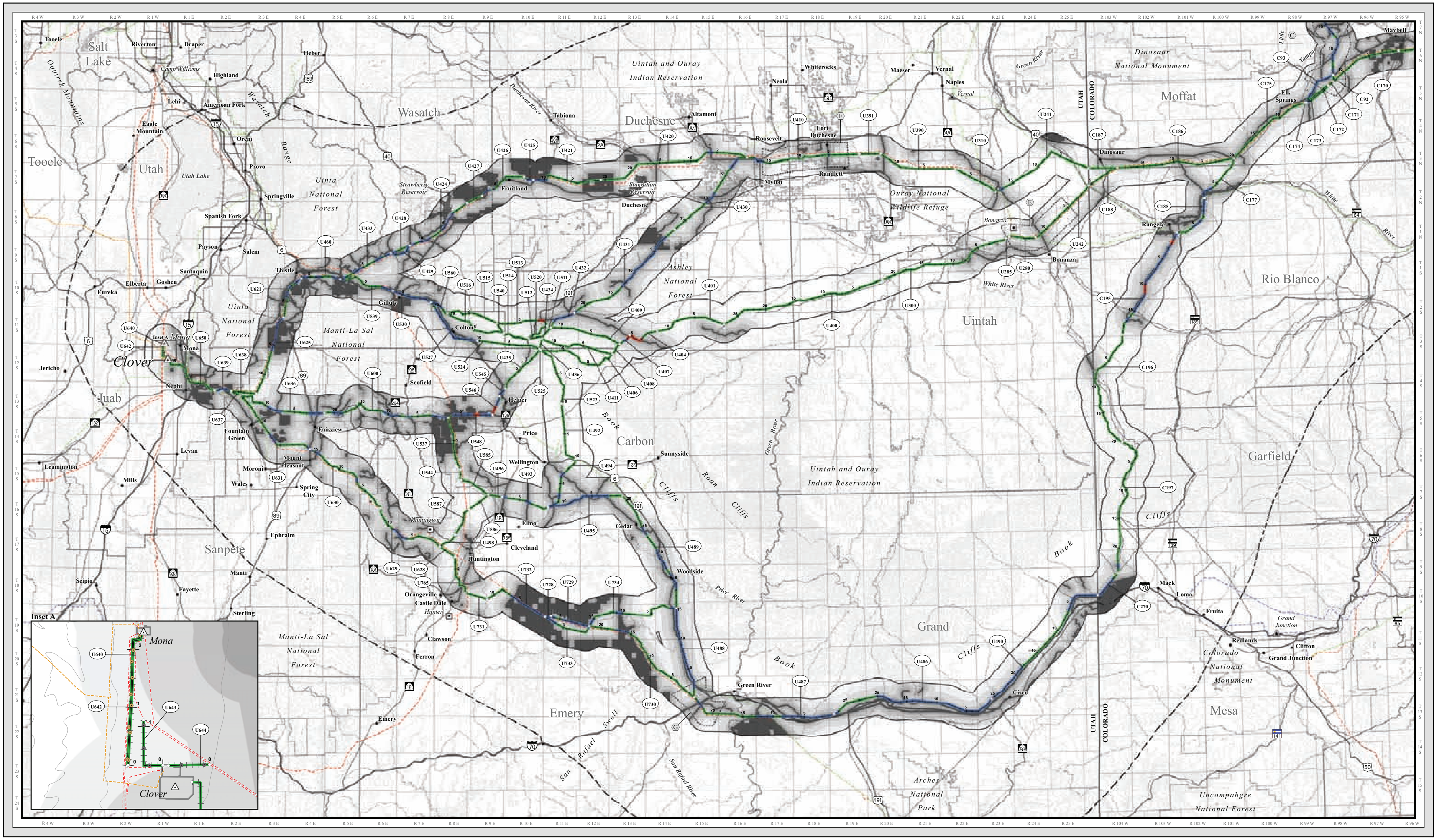
Notes:

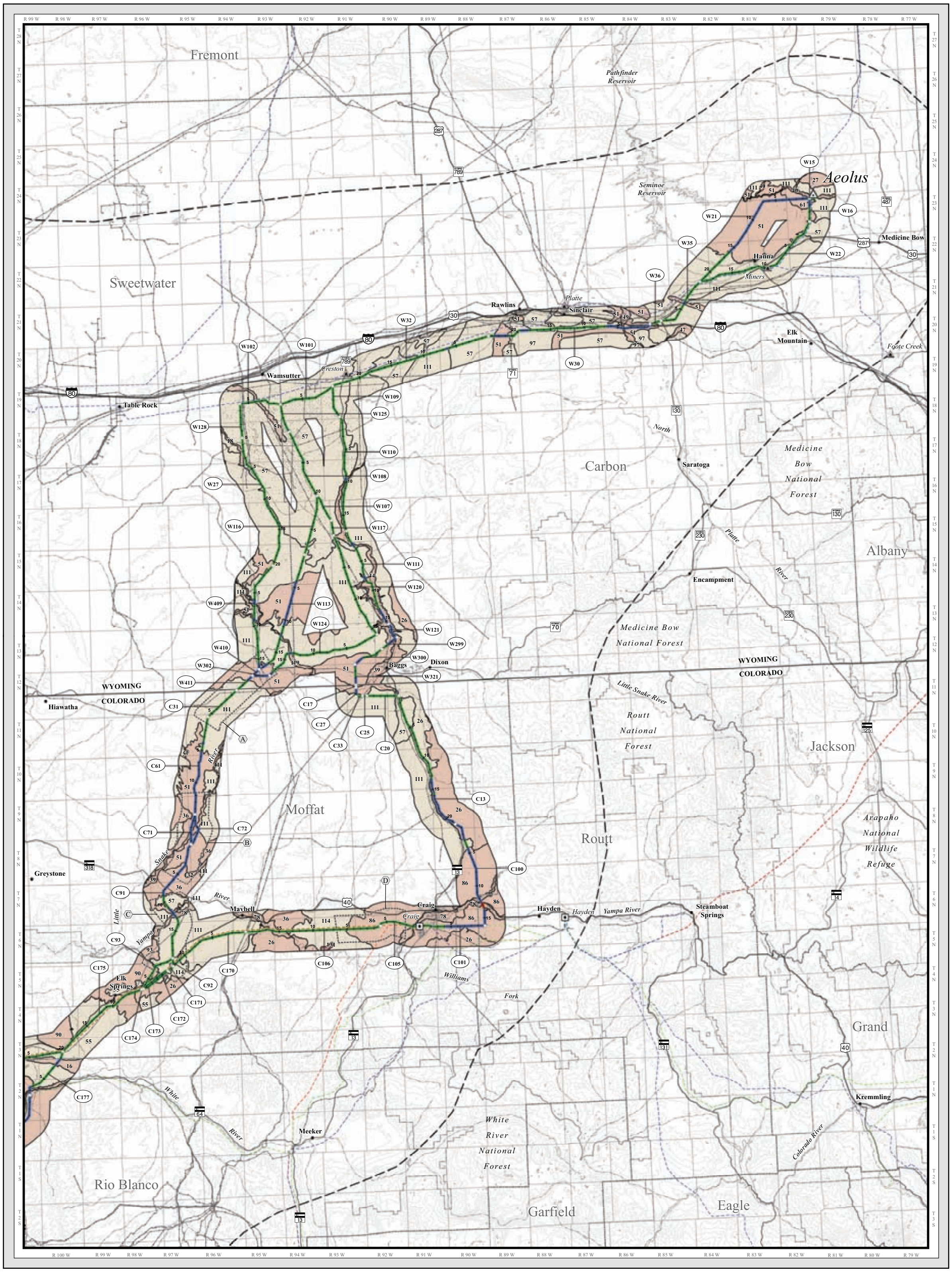
[1] Moderate concern viewers and influence zones are only shown within the 6-mile-wide visual resources study corridor.

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18
Miles
1:380,160 or 1 inch = 6 miles



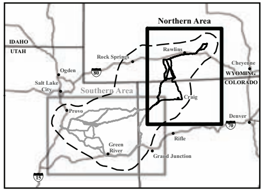


MV-22a

Scenery

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

PROJECT-LEVEL SCENERY RATING UNITS[1]

▨ Class A[2]

28 - Green River (UB)
29 - Green River (CL)
45 - Nine Mile Canyon
46 - North Desolation Canyon
73 - White River
89 - Argyle Canyon
123 - Strawberry River
125 - Wasatch Mountains
127 - Wasatch Plateau Alpine
128 - Wasatch Plateu Park
131 - Yampa River Canyons

▨ Class B[2]

1 - Arid Juniper Hills
4 - Badlands
5 - Book Cliffs
6 - Agricultural Valley (CL)
7 - Canyons
8 - Desert Riparian
15 - Chaparral Hills (MRM)
16 - Coal Ridge
18 - Delaney Rim
20 - Duchesne River
22 - Eastern Wasatch Foothills
25 - Foothills (GB)
26 - Foothills (WB)
27 - Freezeout Ridges
34 - Juniper Hills (MRM)
35 - Juniper Hills (GB)
36 - Juniper Hills (WB)
39 - Little Snake River
40 - Medicine Bow River
42 - Mixed Woodland-Shrubland Hills (HPU)
44 - Muddy Creek
47 - Pass Creek
49 - North Platte River
51 - Ridges
52 - Roan Cliffs
60 - Tavaputs Plateau
61 - The Breaks
66 - Uinta River
70 - Wasatch Plateau Foothills
75 - Willow Creek
78 - Yampa River
81 - Mixed Woodland-Shrubland Hills (MRM)
83 - Agricultural Green River (CL)
84 - Agricultural Green River (UB)
86 - Agricultural Sagebrush Hills
87 - Agricultural Valley (UB)
88 - Agricultural White River
90 - Arid Juniper Hills (UB)
91 - Bad Land Cliffs
92 - Chaparral Hills (GB)
93 - Cross Mountain
94 - Deep Creek Canyon
98 - Escarpment
101 - Juniper Hills (HPU)
104 - Mona Reservoir
105 - Mountains (MRM)
107 - Price Canyon
108 - Rabbit Gulch
109 - Raven Ridge
116 - Salt Creek Canyon
117 - San Pitch Mountains
118 - San Rafael Reef
119 - Sand Creek
120 - Spanish Fork Canyon
121 - Starvation Reservoir
122 - Strawberry Reservoir
126 - Wasatch Plateau
130 - Willow Creek Canyon
132 - Godiva Rim

▨ Class C[2]

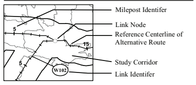
10 - Pinyon-Juniper Dissected Hills
12 - Shrubland Dissected Hills
13 - Desert Flats
53 - Sagebrush Basin
54 - Sagebrush Hills (GB)
55 - Sagebrush Valley (UB)
56 - Valley
57 - Plains
82 - Sagebrush Hills (MRM)
96 - Dissected Hills
97 - Dissected Valley
103 - Mixed Desert Shrub Valley
106 - Pinyon-Juniper Plateau
111 - Rolling Steppe
112 - Sagebrush Hills (HPU)
114 - Sagebrush Hills (WB)
115 - Sagebrush Valley (HPU)

▨ Developed

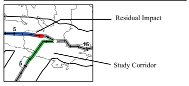
SPECIAL DESIGNATIONS[1]

▭ Area of Critical Environmental Concern (ACEC) managed for scenery resources

Inventory Key



Impact Key



Impact Levels

🟥	High	🟩	Low
🟦	Moderate	▬	No Identifiable

Project Features

[ ]	Project Area Boundary	┼┼┼┼	Alternative Route
△	Substation (Project Terminal)	●─●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚	Series Compensation Station Siting Area	●─●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

●	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▒	Lake or Reservoir
- - -	345kV Transmission Line	—··—	River or Stream
- - -	230kV Transmission Line	▭	State Boundary
- - -	138kV Transmission Line	▭	County Boundary
┼┼┼	Railroad	▭	Jurisdictional Boundary
●─●	Pipeline		

Sources:

Project-level Scenery Rating Units as digitized by EPG, NAIP 2012;
Existing Land Use as digitized by EPG, NAIP 2011;
Areas of Critical Environmental Concern, BLM 2010, 2011, 2012;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] Project-level scenery rating units, ACECs, and areas of development are only shown within the 6-mile-wide visual resources study corridor.

[2] The following acronyms correspond to physiographic provinces and sections as described in Physiography of Western United States (Fenneman 1931):
CL = Canyon Lands physiographic section
GB = Great Basin physiographic section
HPU = High Plateaus of Utah physiographic section
MRM = Middle Rocky Mountain physiographic province
UB = Uinta Basin physiographic section
WB = Wyoming Basin physiographic province

- The alternative routes and series compensation station siting areas shown on this map are draft and may be revised and/or refined throughout the development of the Project.
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- Contour interval: 150 meters

DRAFT EIS
February 2014

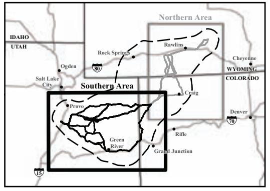
Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

MV-22b

Scenery

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

PROJECT-LEVEL SCENERY RATING UNITS[1]

🟥 Class A[2]

28 - Green River (UB)
29 - Green River (CL)
45 - Nine Mile Canyon
46 - North Desolation Canyon
73 - White River
89 - Argyle Canyon
123 - Strawberry River
125 - Wasatch Mountains
127 - Wasatch Plateu Alpine
128 - Wasatch Plateu Park
131 - Yampa River Canyons

▨ Class B[2]

1 - Arid Juniper Hills
4 - Badlands
5 - Book Cliffs
6 - Agricultural Valley (CL)
7 - Canyons
8 - Desert Riparian
15 - Chaparral Hills (MRM)
16 - Coal Ridge
18 - Delaney Rim
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75 - Willow Creek
78 - Yampa River
81 - Mixed Woodland-Shrubland Hills (MRM)
83 - Agricultural Green River (CL)
84 - Agricultural Green River (UB)
86 - Agricultural Sagebrush Hills
87 - Agricultural Valley (UB)
88 - Agricultural White River
90 - Arid Juniper Hills (UB)
91 - Bad Land Cliffs
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94 - Deep Creek Canyon
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117 - San Pitch Mountains
118 - San Rafael Reef
119 - Sand Creek
120 - Spanish Fork Canyon
121 - Starvation Reservoir
122 - Strawberry Reservoir
126 - Wasatch Plateau
130 - Willow Creek Canyon
132 - Godiva Rim

☐ Class C[2]

10 - Pinyon-Juniper Dissected Hills
12 - Shrubland Dissected Hills
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55 - Sagebrush Valley (UB)
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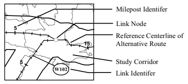
111 - Rolling Steppe
112 - Sagebrush Hills (HPU)
114 - Sagebrush Hills (WB)
115 - Sagebrush Valley (HPU)

▨ Developed

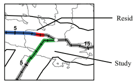
SPECIAL DESIGNATIONS[1]

☐ Area of Critical Environmental Concern (ACEC) managed for scenery resources

Inventory Key



Impact Key



Impact Levels

🟥 High
🟦 Moderate
🟩 Low
▬ No Identifiable

Project Features

[ ] Project Area Boundary
△ Substation (Project Terminal)
Series Compensation Station Siting Area
Alternative Route
345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

● City or Town
▲ Substation
▣ Power Plant
500kV Transmission Line
345kV Transmission Line
230kV Transmission Line
138kV Transmission Line
Railroad
Pipeline
70 Interstate Highway
40 U.S. Highway
24 State Highway
▨ Lake or Reservoir
River or Stream
☐ State Boundary
☐ County Boundary
☐ Jurisdictional Boundary

Sources:

Project-level Scenery Rating Units as digitized by EPG, NAIP 2012;
Existing Land Use as digitized by EPG, NAIP 2011;
Areas of Critical Environmental Concern, BLM 2010, 2011, 2012;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
Series Compensation Station Siting Areas, Rocky Mountain Power 2013;
City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009;
Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011;
Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

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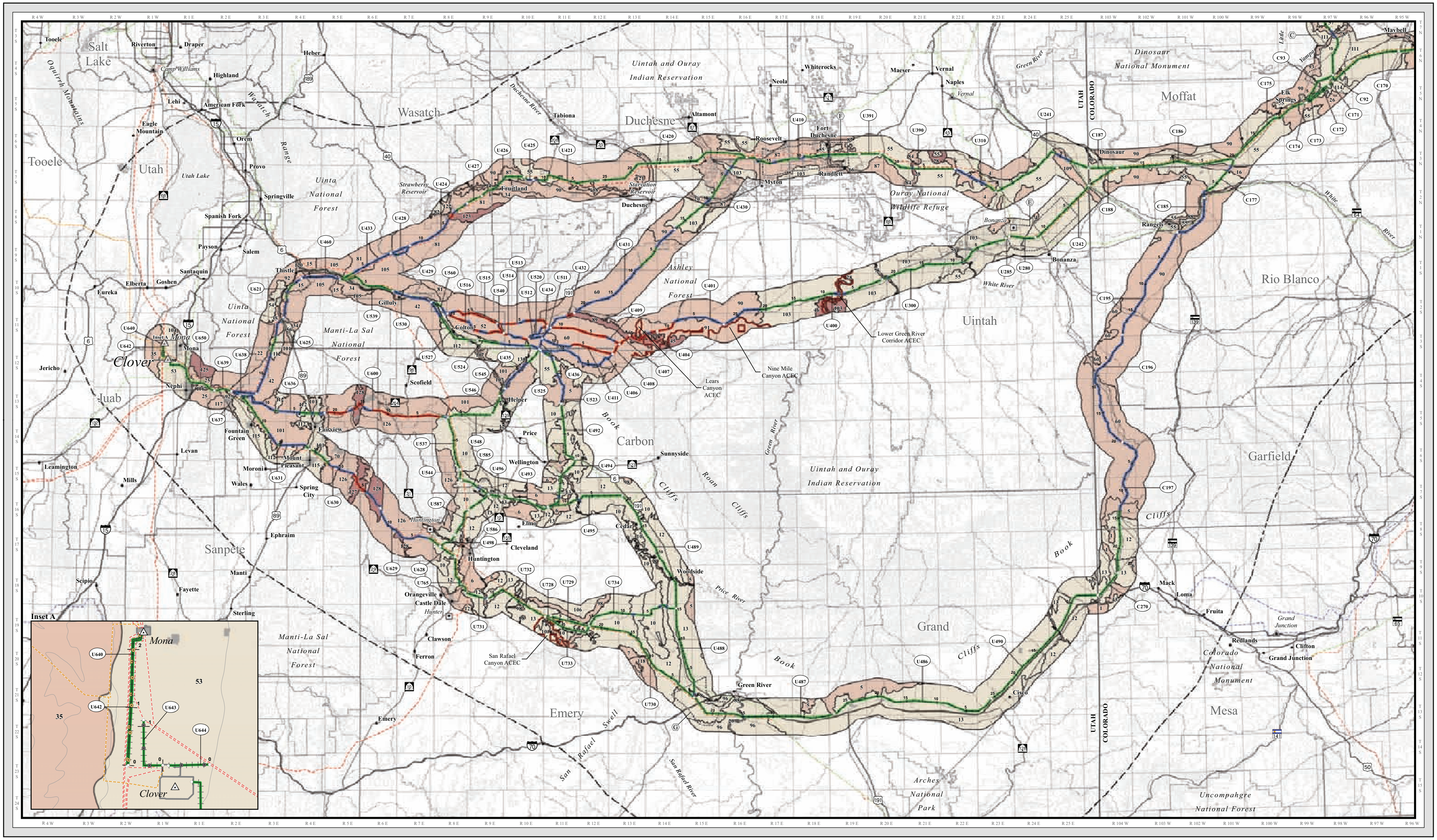
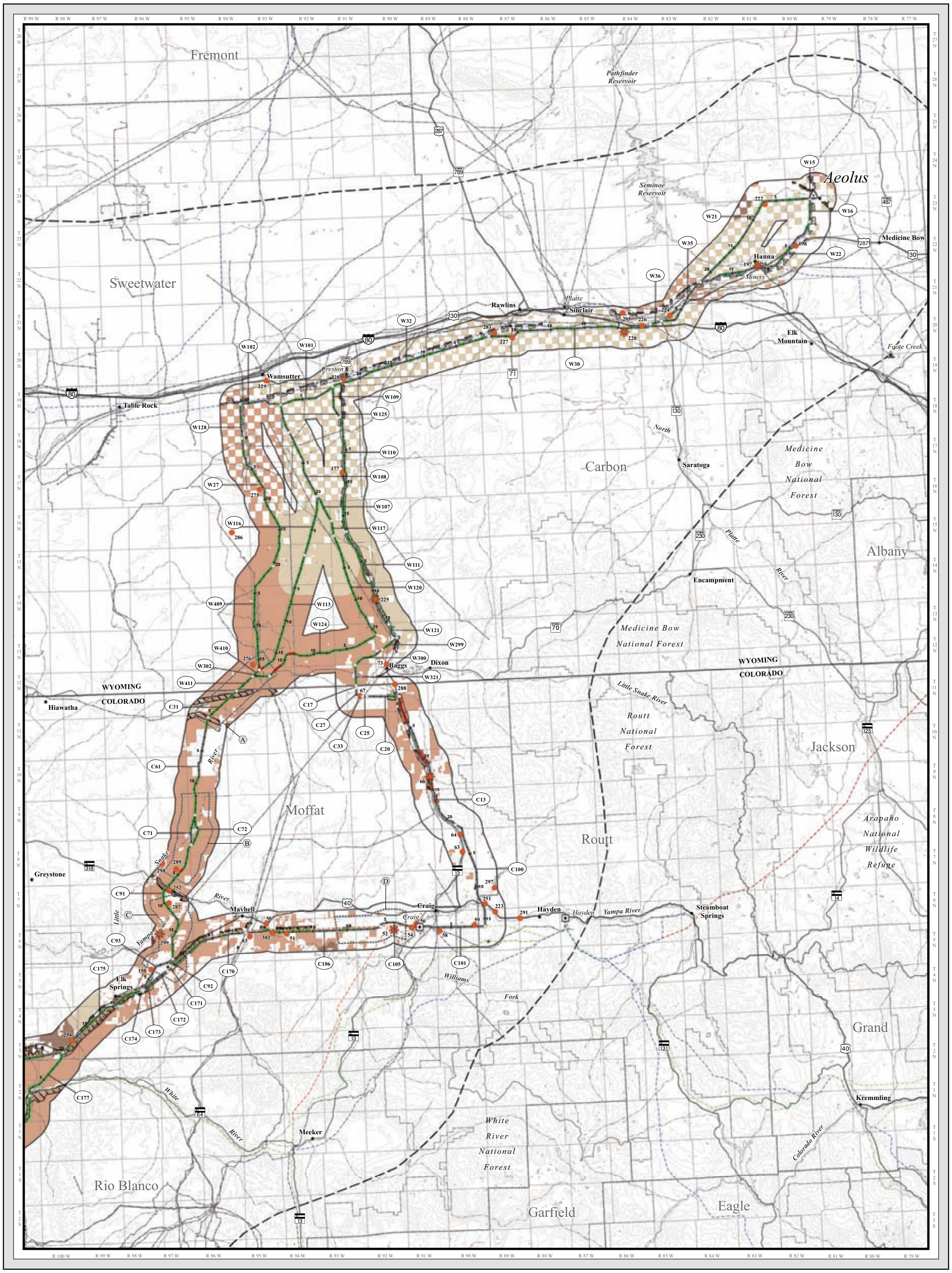
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles





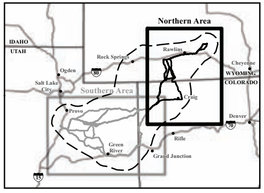
MV-23a

Federal Agency Visual Management Objectives

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index



Resource Inventory

KEY OBSERVATION POINT (KOP) AND SIMULATION LOCATIONS[1]

#✱	KOP/Simulation Location	#●	KOP Location

VISUAL MANAGEMENT OBJECTIVES[2]

BLM Visual Resource Management (VRM) Classes

🟥	Class I	🟫	Class III
🟫	Class II	🟫	Class IV

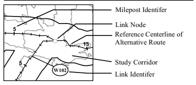
U.S. Forest Service Visual Quality Objectives (VQO)

🟩	Preservation	🟩	Partial Retention
🟩	Retention	🟩	Modification

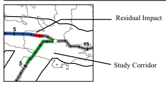
FEDERAL SURFACE UTILITY CORRIDORS[2]

▦	West-wide Energy Corridor	▨	Designated Utility Corridor[3]

Inventory Key



Impact Key



Impact Levels

🟩	Compliant/Consistent	▬	Not Applicable
🟥	Not Compliant/Not Consistent		

Project Features

[ ]	Project Area Boundary	+++++	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚-Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

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▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▩	Lake or Reservoir
- - -	345kV Transmission Line	-··-	River or Stream
- - -	230kV Transmission Line	▭	State Boundary
- - -	138kV Transmission Line	▭	County Boundary
+++	Railroad	▭	Jurisdictional Boundary
•—•	Pipeline		

Sources:

Key Observation Points and Simulation Locations, EPG 2012;
VRM, BLM 2011, 2013; VQO, USFS 2003, 2009, 2011;
West-wide Energy Corridors, Argonne National Laboratory 2008;
RMP Utility Corridors as digitized by EPG, BLM 1987, 1989, 1990, 1997, 2008, 2011;
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Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008;
Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

[1] KOP names and associated contrast rating worksheets can be found in Appendix H.

[2] BLM VRM classes, U.S. Forest Service VQO, and federal surface utility corridors are only shown within the 6-mile-wide visual resources study corridor.

[3] Designated utility corridors are from BLM resource management plans and USFS land and resource management plans.

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DRAFT EIS

February 2014

Scale in Miles

0 3 6 12 18 Miles

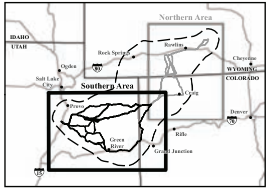
1:380,160 or 1 inch = 6 miles

MV-23b

Federal Agency Visual Management Objectives

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

KEY OBSERVATION POINT (KOP) AND SIMULATION LOCATIONS[1]

✱	KOP/Simulation Location	●	KOP Location

VISUAL MANAGEMENT OBJECTIVES[2]

BLM Visual Resource Management (VRM) Classes

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🟫	Class II	🟨	Class IV

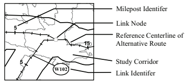
U.S. Forest Service Visual Quality Objectives (VQO)

🟩	Preservation	🟩	Partial Retention
🟩	Retention	🟩	Modification

FEDERAL SURFACE UTILITY CORRIDORS[2]

▦	West-wide Energy Corridor	▨	Designated Utility Corridor[3]

Inventory Key



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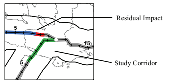

Impact Levels

🟩	Compliant/Consistent	▬	Not Applicable
🟥	Not Compliant/Not Consistent		

Project Features

[ ]	Project Area Boundary	+ + +	Alternative Route
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- - -	230kV Transmission Line	☐	State Boundary
- - -	138kV Transmission Line	☐	County Boundary
+ + +	Railroad	⬚	Jurisdictional Boundary
•—•—•	Pipeline		

Sources:

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Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
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DRAFT EIS
February 2014

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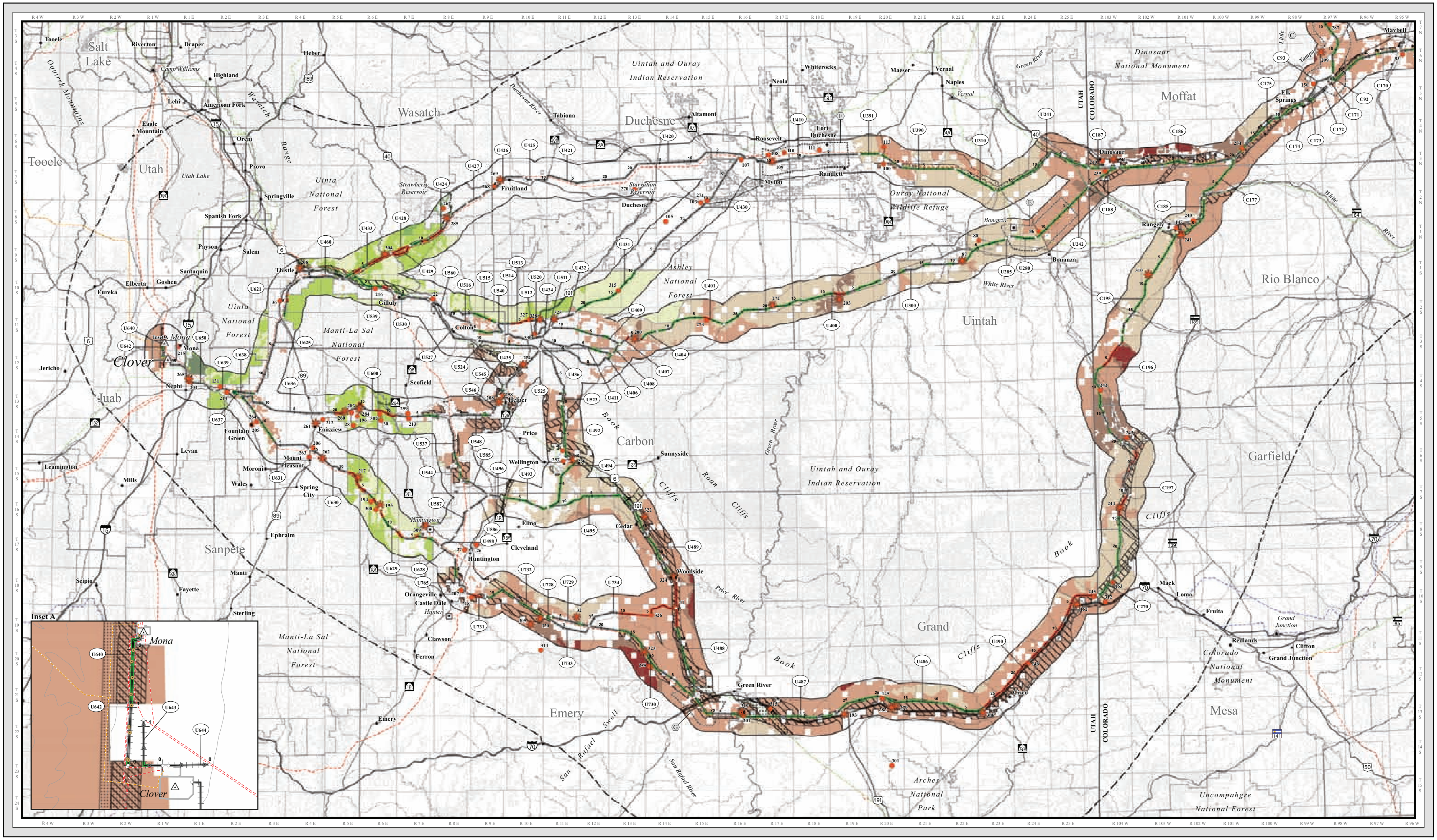
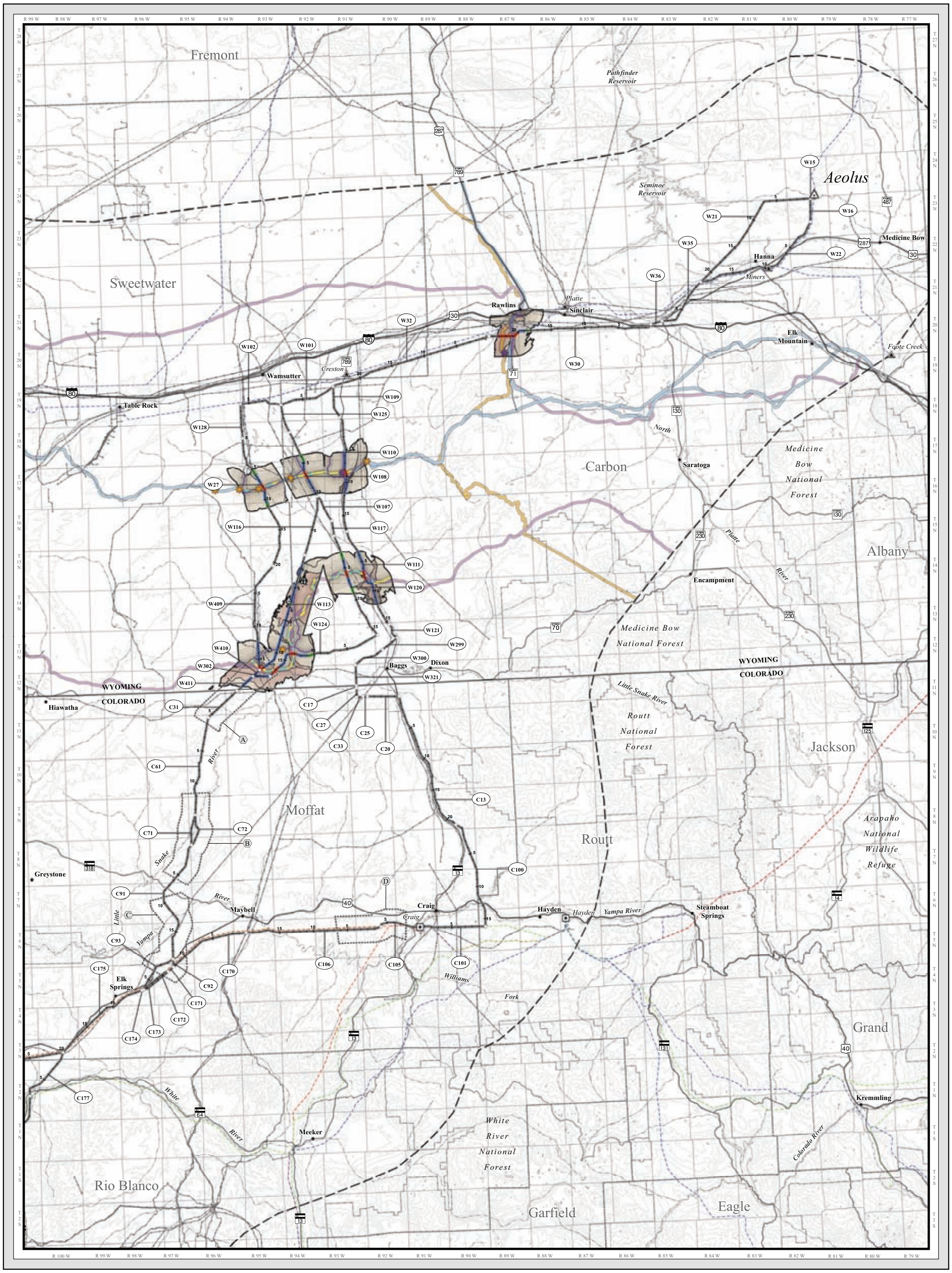
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles



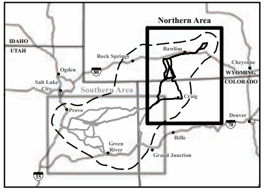


MV-24a

National Trails System

ENERGY GATEWAY SOUTH
TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



Resource Inventory

CONGRESSIONALLY DESIGNATED/FEASIBILITY STUDY TRAIL ALIGNMENTS[1]

- ∿ Continental Divide National Scenic Trail
- ∿ Overland Historic Trail (under feasibility study)
- ∿ Old Spanish National Historic Trail (NHT)
- ∿ Cherokee Historic Trail (under feasibility study)

VIEWSHED FOR PROJECT-LEVEL ANALYSIS

- ☐ Visible Area

TRAIL TRACES AND TRAIL-ASSOCIATED CULTURAL SITES[2]

- ∿ NHT Condition Category II or III or Contributing Trail Trace[3]
- ∿ NHT Condition Category IV or V or Non-contributing Trail Trace[3]
- ✳ Trail-associated Cultural Site

TRAIL-ASSOCIATED VIEWING LOCATIONS[2]

- ✳∿ Trail-associated Viewing Location

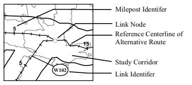
VISUAL INFLUENCE ZONES[2]

- ▨ 0 to 0.5 mile
- ▨ 1.0 to 2.0 miles
- ▨ 0.5 to 1.0 mile
- ▨ 2.0 to 3.0 miles

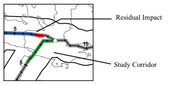
PROJECT-LEVEL SCENERY RATING UNITS[2]

- ▨ Class A
- ▨ Class C
- ▨ Class B
- ▨ Developed

Inventory Key



Impact Key



Impact Levels

- 🟥 High
- 🟦 Moderate
- 🟩 Low
- ▬ No Identifiable

Project Features

- Project Area Boundary
- Alternative Route
- △ Substation (Project Terminal)
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- Series Compensation Station Siting Area
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- ● City or Town
- Interstate Highway
- ▲ Substation
- U.S. Highway
- ■ Power Plant
- State Highway
- 500kV Transmission Line
- Lake or Reservoir
- 345kV Transmission Line
- River or Stream
- 230kV Transmission Line
- State Boundary
- 138kV Transmission Line
- County Boundary
- Railroad
- Jurisdictional Boundary
- Pipeline

Sources:

Continental Divide National Scenic Trail, BLM 2013; Old Spanish National Historic Trail, BLM 2002; Overland Trail, NPS 2013; Cherokee Trail, NPS 2013; Old Spanish National Historic Trail Inventoried Trail Traces, BLM 2012; Cherokee Historic Trail and Overland Historic Trail Inventoried Trail Traces, BLM 2005; Trail-associated Cultural Sites as digitized by EPG, USGS 2012, GNIS 1981; Trail-associated Viewing Locations as digitized by EPG, NAIP 2011; Project-level Scenery Rating Units as digitized by EPG, NAIP 2012; Existing Land Use as digitized by EPG, NAIP 2011; Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999; Series Compensation Station Siting Areas, Rocky Mountain Power 2013; City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009; Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013; Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008; Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011; Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008; Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

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[2] Trail traces, trail-associated cultural sites and viewing locations, visual influence zones, and project-level scenery rating units are only shown within the areas determined to be visible through the project-level viewshed analysis.

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- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

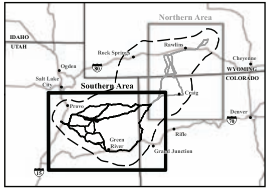
Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

MV-24b

National Trails System

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index



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VIEWSHED FOR PROJECT-LEVEL ANALYSIS

- Visible Area

TRAIL TRACES AND TRAIL-ASSOCIATED CULTURAL SITES[2]

- NHT Condition Category II or III or Contributing Trail Trace[3]
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- Trail-associated Cultural Site

TRAIL-ASSOCIATED VIEWING LOCATIONS[2]

- Trail-associated Viewing Location

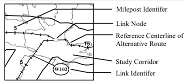
VISUAL INFLUENCE ZONES[2]

- 0 to 0.5 mile
- 1.0 to 2.0 miles
- 0.5 to 1.0 mile
- 2.0 to 3.0 miles

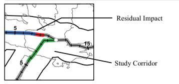
PROJECT-LEVEL SCENERY RATING UNITS[2]

- Class A
- Class C
- Class B
- Developed

Inventory Key



Impact Key



Impact Levels

- High
- Low
- Moderate
- No Identifiable

Project Features

- Project Area Boundary
- Alternative Route
- Substation (Project Terminal)
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- Series Compensation Station Siting Area
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- City or Town
- Interstate Highway
- Substation
- U.S. Highway
- Power Plant
- State Highway
- 500kV Transmission Line
- Lake or Reservoir
- 345kV Transmission Line
- River or Stream
- 230kV Transmission Line
- State Boundary
- 138kV Transmission Line
- County Boundary
- Railroad
- Jurisdictional Boundary
- Pipeline

Sources:

Continental Divide National Scenic Trail, BLM 2013; Old Spanish National Historic Trail, BLM 2002;
Overland Trail, NPS 2013; Cherokee Trail, NPS 2013;
Old Spanish National Historic Trail Inventoried Trail Traces, BLM 2012;
Cherokee Historic Trail and Overland Historic Trail Inventoried Trail Traces, BLM 2005;
Trail-associated Cultural Sites as digitized by EPG, USGS 2012, GNIS 1981;
Trail-associated Viewing Locations as digitized by EPG, NAIP 2011;
Project-level Scenery Rating Units as digitized by EPG, NAIP 2012; Existing Land Use as digitized by EPG, NAIP 2011;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
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Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013;
Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008;
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Notes:

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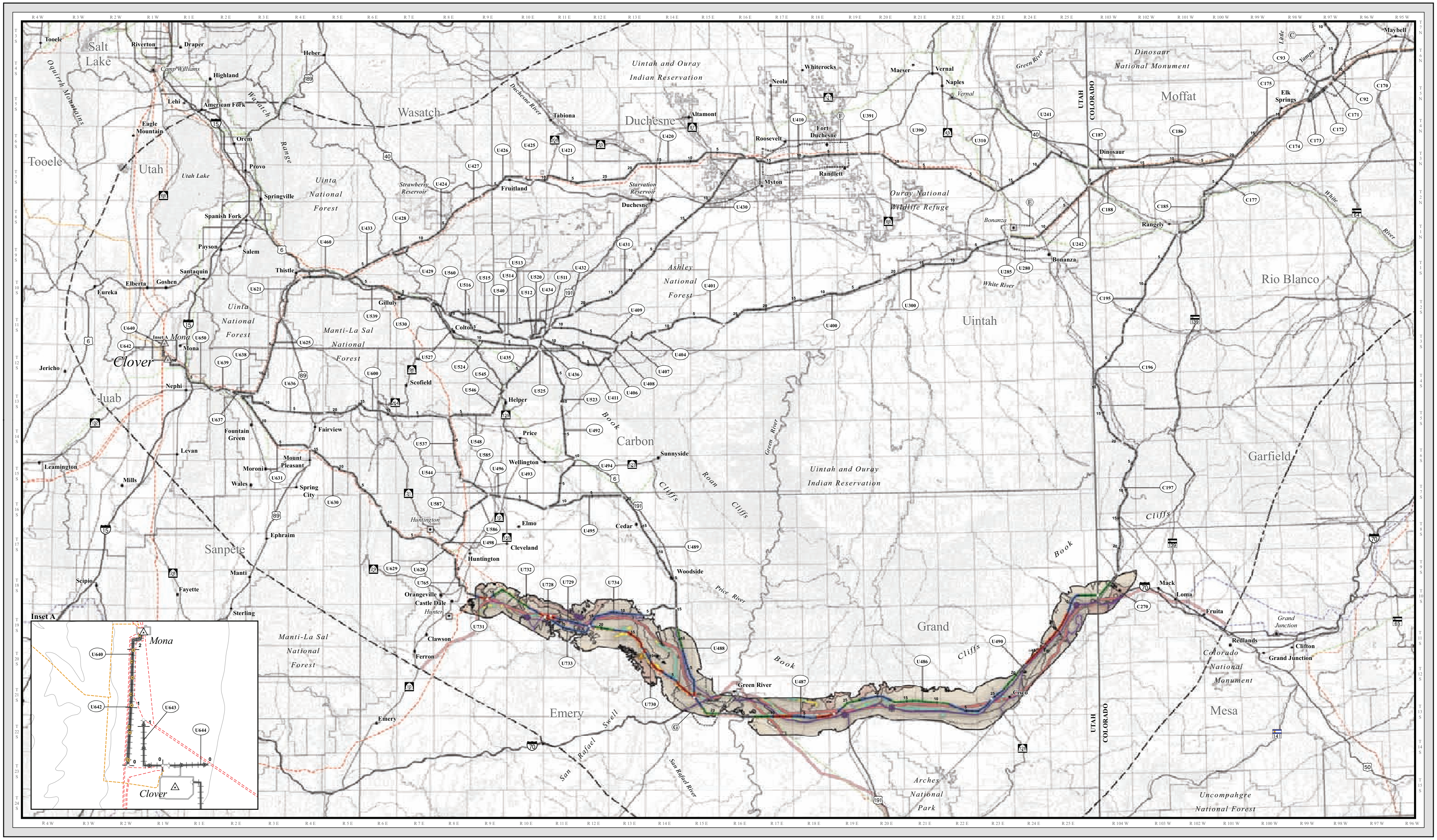
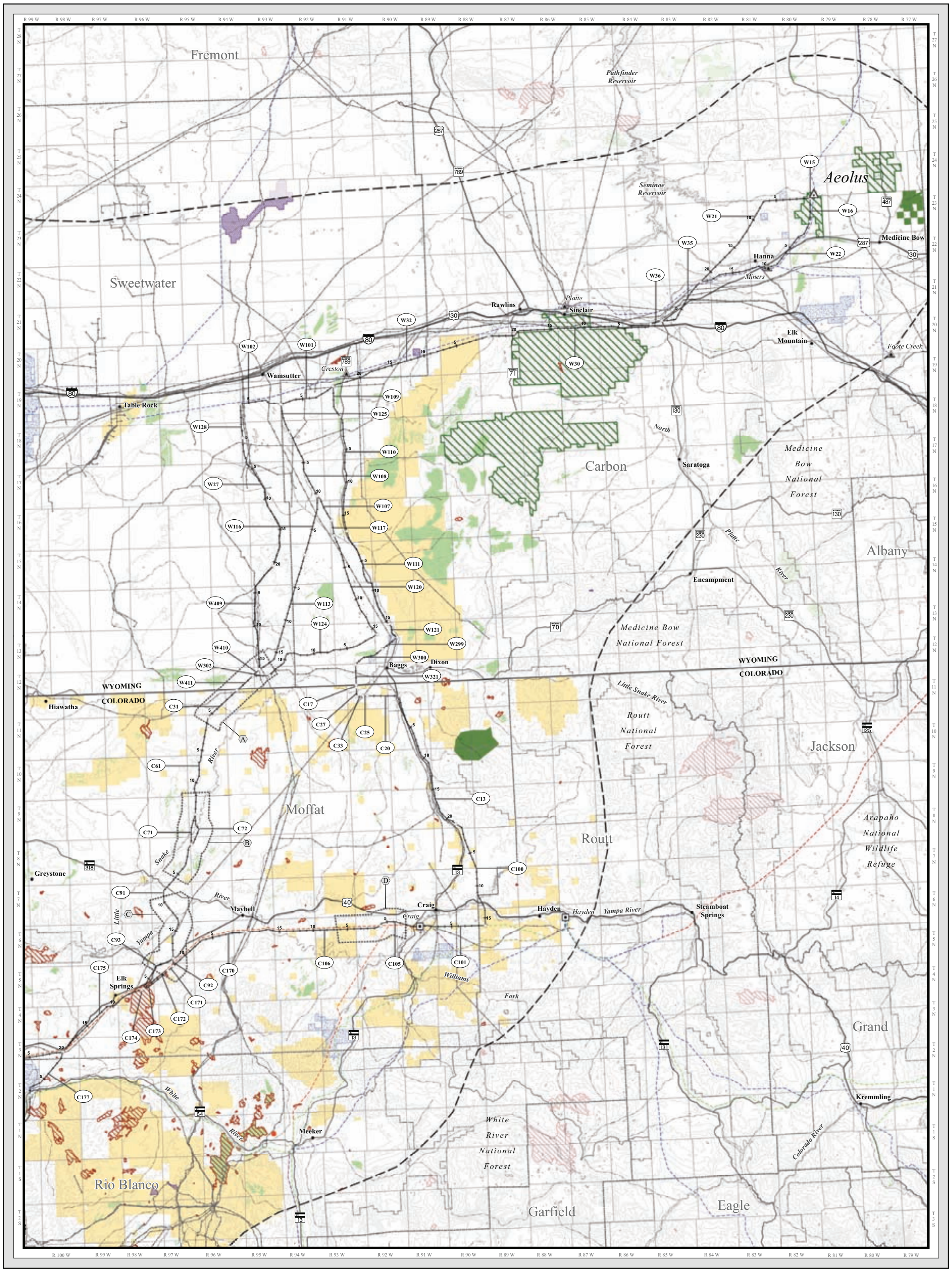
- Substation symbols do not necessarily represent precise locations.
- Contour interval: 150 meters

DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles



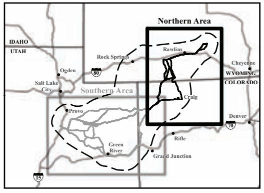


MV-25a

Past and Present Actions

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index

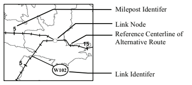


Resource Inventory

PAST AND PRESENT ACTIONS[1,2]

▨	Coal Mine	■	Oil and/or Gas Development[3]
▨	Non-coal Mine	■	Pipeline[4]
—	Communication Facility	—	Recreation
■	Educational Facility	■	Residential Subdivision
▨	Historic Fire 2000-2012	—	Transportation
■	Industrial Facility	■	Utility
■	Military Training/Testing Site	■	Vegetation Management Activity
▨	Oil Shale and/or Tar Sand Development	▨	Wind Energy Facility[5]

Inventory Key



Project Features

[ ]	Project Area Boundary	┼┼┼	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚ A	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

●	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—·—	River or Stream
- - -	230kV Transmission Line	☐	State Boundary
- - -	138kV Transmission Line	☐	County Boundary
┼┼┼	Railroad	⬚	Jurisdictional Boundary
●—●	Pipeline		

Sources:

Utah Coal Mines, UDNR 2013b; Trapper Coal Mine, BLM 2001c; Deer Creek Coal Lease, TetraTech 2012; Deserado Coal Mine, BLM 2009g, 2012y; ColoWyo Coal Mine, BLM 2012; Coal Leases, SITLA 2013b, Wyoming Office of State Lands and Investments 2013b; Coal Mines, Wyoming DEQ 2011; Sweetwater Mine and Terry Hankins Copper Mine, BLM 2001c; Utah Non-Coal Leases, SITLA 2013b; Chicken Creek Surface Gypsum Mine, USFS 2012; Gravel Pits, BLM 2012aa; Gilsonite Mines, BLM 2008i; Sodium Mines, BLM 2013e; Uranium Leases, Wyoming Office of State Lands and Investments 2013b; Central Utah Telephone Fiber Optic Line, BLM 2013g; University of Utah Special Use Agreement, SITLA 2013a; U.S. Historic Fire Perimeters, USFS 2011g, 2012e; Karren Industrial Park, Duchesne County 2009; Flatirons Resources Helium Project, BLM 2013; Special Use Permit, Rio Blanco County 2012; Engineering Battalion Training Area, SITLA 2013a; White Sands Missile Launch Facility, SITLA 2013a; Red Leaf Oil Shale Project, SITLA 2012; Oil Shale Research, Development and Demonstration Areas, BLM 2012z; Active Oil Shale and Tar Sands Leases, SITLA 2013b; Colorado Oil and Gas Units, BLM 2012x; Utah Oil and Gas Units, BLM 2012ad; Atlantic Rim Oil and Gas Field, BLM 2005f; Berry Petroleum South Unit, USFS 2007c; Oil and Gas Projects, BLM 2012ag; Blacktail Ridge and Lake Canyon EDA Boundaries, URMCC 2013a; Carl Allen #45 Oil and Gas Project, WexPro 2012; Oil and Gas Wells, UTDOGM 2011; Greasewood Compressor Station, BLM 2013f; Ferron Natural Gas Project, BLM 1998b; Oil and Gas Leases, Wyoming Office of State Lands and Investments 2013c, Colorado State Land Board 2012, SITLA 2013c; Table Rock Oil and Gas Development, BLM 2012v; Liberty Pioneer #10-17 Gas Exploration, USFS 2012h; West Tavaputs Plateau Oil and Gas Project, BLM 2012ae; Gasco Oil and Gas Project, BLM 2011s; Greater Natural Buttes, BLM 2012aj; Peter's Point Loop Pipeline, BLM 2011; Magnum Gas Storage Project Pipeline, BLM 2010h; WEP II (Enterprise Mid-America Pipeline), BLM 2012r; UNEV Pipeline, BLM 2006b; QuestStar Pipeline, BLM 2013i; Roosevelt Pipeline, CUWCD 2012; ATV Trail, Carbon County UT 2011a; Residential Subdivisions, Carbon County, UT 2011b, Carbon County WY, 2012b, Duchesne County 2009, Juab County 2009, Moffat County 2009b, Sanpete County 2009, Utah County 2009; Seep Ridge Road, BLM 2012al; Standpipe Substation, Rocky Mountain Power 2011; Currant Creek Power Plant as digitized by EPG, NAIP 2011; Seven Mile Hill Wind Energy Facility, BLM 2012; Dunlap I Wind Farm, BLM 2012; Sierra Madre and Chokecherry Wind Farms, BLM 2012; Vegetation Management Activities, BLM 2009h, 2010f, 2010g, 2011q, 2012ad, 2012an, 2013k, USFS 2012i, 2012k; Lower Duchesne River Wetlands Project, URMCC 2013b; Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999; Series Compensation Station Siting Areas, Rocky Mountain Power 2013; City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009; Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013; Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008; Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011; Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008; Land Jurisdiction, BLM 2009, 2010, USFS 2006

Notes:

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[3] Well spacing and pad size assumptions were used to calculate disturbance for oil and gas projects and units, with the exception of digitized well pads and small projects (6 acres and smaller) that were deemed to be completely disturbed.

[4] Pipeline near Roosevelt, Utah, buffered 1,500 feet on either side of pipeline centerline.

[5] Seven Mile Hill and Dunlap Wind Farm disturbance pads were digitized using 2013 aerial imagery. Turbine spacing and pad size assumptions were used to calculate disturbance for all other wind energy facilities.

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- Contour interval: 150 meters

DRAFT EIS
February 2014

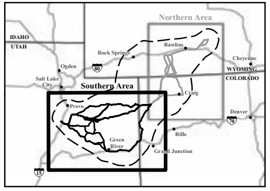
Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

MV-25b

Past and Present Actions

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index

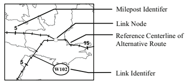


Resource Inventory

PAST AND PRESENT ACTIONS[1,2]

- ▨ Coal Mine
- ▨ Non-coal Mine
- — Communication Facility
- 🟧 Educational Facility
- ▨ Historic Fire 2000-2012
- 🟥 Industrial Facility
- 🟩 Military Training/Testing Site
- ▨ Oil Shale and/or Tar Sand Development
- 🟨 Oil and/or Gas Development[3]
- — Pipeline[4]
- — Recreation
- 🟩 Residential Subdivision
- — Transportation
- ⬛ Utility
- 🟩 Vegetation Management Activity
- ▨ Wind Energy Facility[5]

Inventory Key



Project Features

- Project Area Boundary
- Substation (Project Terminal)
- Series Compensation Station Siting Area
- Alternative Route
- 345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
- 345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

- ● City or Town
- ▲ Substation
- ▣ Power Plant
- 500kV Transmission Line
- 345kV Transmission Line
- 230kV Transmission Line
- 138kV Transmission Line
- Railroad
- Pipeline
- 70 Interstate Highway
- 40 U.S. Highway
- 24 State Highway
- Lake or Reservoir
- River or Stream
- State Boundary
- County Boundary
- Jurisdictional Boundary

Sources:

Utah Coal Mines, UDNR 2013b; Trapper Coal Mine, BLM 2001c; Deer Creek Coal Lease, TetraTech 2012; Deserado Coal Mine, BLM 2009g, 2012y; ColoWyo Coal Mine, BLM 2012; Coal Leases, SITLA 2013b, Wyoming Office of State Lands and Investments 2013b; Coal Mines, Wyoming DEQ 2011; Sweetwater Mine and Terry Hankins Copper Mine, BLM 2001c; Utah Non-Coal Leases, SITLA 2013b; Chicken Creek Surface Gypsum Mine, USFS 2012; Gravel Pits, BLM 2012aa; Gilsonite Mines, BLM 2008i; Sodium Mines, BLM 2013e; Uranium Leases, Wyoming Office of State Lands and Investments 2013b; Central Utah Telephone Fiber Optic Line, BLM 2013g; University of Utah Special Use Agreement, SITLA 2013a; U.S. Historic Fire Perimeters, USFS 2011g, 2012e; Karren Industrial Park, Duchesne County 2009; Flatirons Resources Helium Project, BLM 2013; Special Use Permit, Rio Blanco County 2012; Engineering Battalion Training Area, SITLA 2013a; White Sands Missile Launch Facility, SITLA 2013a; Red Leaf Oil Shale Project, SITLA 2012; Oil Shale Research, Development and Demonstration Areas, BLM 2012z; Active Oil Shale and Tar Sands Leases, SITLA 2013b; Colorado Oil and Gas Units, BLM 2012x; Utah Oil and Gas Units, BLM 2012ad; Atlantic Rim Oil and Gas Field, BLM 2005f; Berry Petroleum South Unit, USFS 2007c; Oil and Gas Projects, BLM 2012ag; Blacktail Ridge and Lake Canyon EDA Boundaries, URMCC 2013a; Carl Allen #45 Oil and Gas Project, WexPro 2012; Oil and Gas Wells, UTDOGM 2011; Greasewood Compressor Station, BLM 2013f; Ferron Natural Gas Project, BLM 1998b; Oil and Gas Leases, Wyoming Office of State Lands and Investments 2013c, Colorado State Land Board 2012, SITLA 2013c; Table Rock Oil and Gas Development, BLM 2012v; Liberty Pioneer #10-17 Gas Exploration, USFS 2012h; West Tavaputs Plateau Oil and Gas Project, BLM 2012ae; Gasco Oil and Gas Project, BLM 2011s; Greater Natural Buttes, BLM 2012aj; Peter's Point Loop Pipeline, BLM 2011; Magnum Gas Storage Project Pipeline, BLM 2010h; WEP II (Enterprise Mid-America Pipeline), BLM 2012r; UNEV Pipeline, BLM 2006b; QuestStar Pipeline, BLM 2013i; Roosevelt Pipeline, CUWCD 2012; ATV Trail, Carbon County UT 2011a; Residential Subdivisions, Carbon County, UT 2011b, Carbon County WY, 2012b, Duchesne County 2009, Juab County 2009, Moffat County 2009b, Sanpete County 2009, Utah County 2009; Seep Ridge Road, BLM 2012al; Standpipe Substation, Rocky Mountain Power 2011; Currant Creek Power Plant as digitized by EPG, NAIP 2011; Seven Mile Hill Wind Energy Facility, BLM 2012; Dunlap I Wind Farm, BLM 2012; Sierra Madre and Chokecherry Wind Farms, BLM 2012; Vegetation Management Activities, BLM 2009h, 2010f, 2010g, 2011q, 2012ad, 2012an, 2013k, USFS 2012i, 2012k; Lower Duchesne River Wetlands Project, URMCC 2013b; Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999; Series Compensation Station Siting Areas, Rocky Mountain Power 2013; City or Town, ESRI 2010; Transmission Lines and Substations as digitized by EPG, POWERmap Platts 2009; Clover Substation Boundary as digitized by EPG, Rocky Mountain Power 2013; Mona Substation Boundary as digitized by EPG, Bing 2013; National Transportation Atlas Database, USDOT 2008; Utah Highways and Roads, AGRC 2012; Pipelines, PennWell MAPSearch 2011; Water Features, ESRI 2008, USGS 2010a; State and County Boundaries, ESRI 2008; Land Jurisdiction, BLM 2009, 2010, USFS 2006

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DRAFT EIS
February 2014

Scale in Miles
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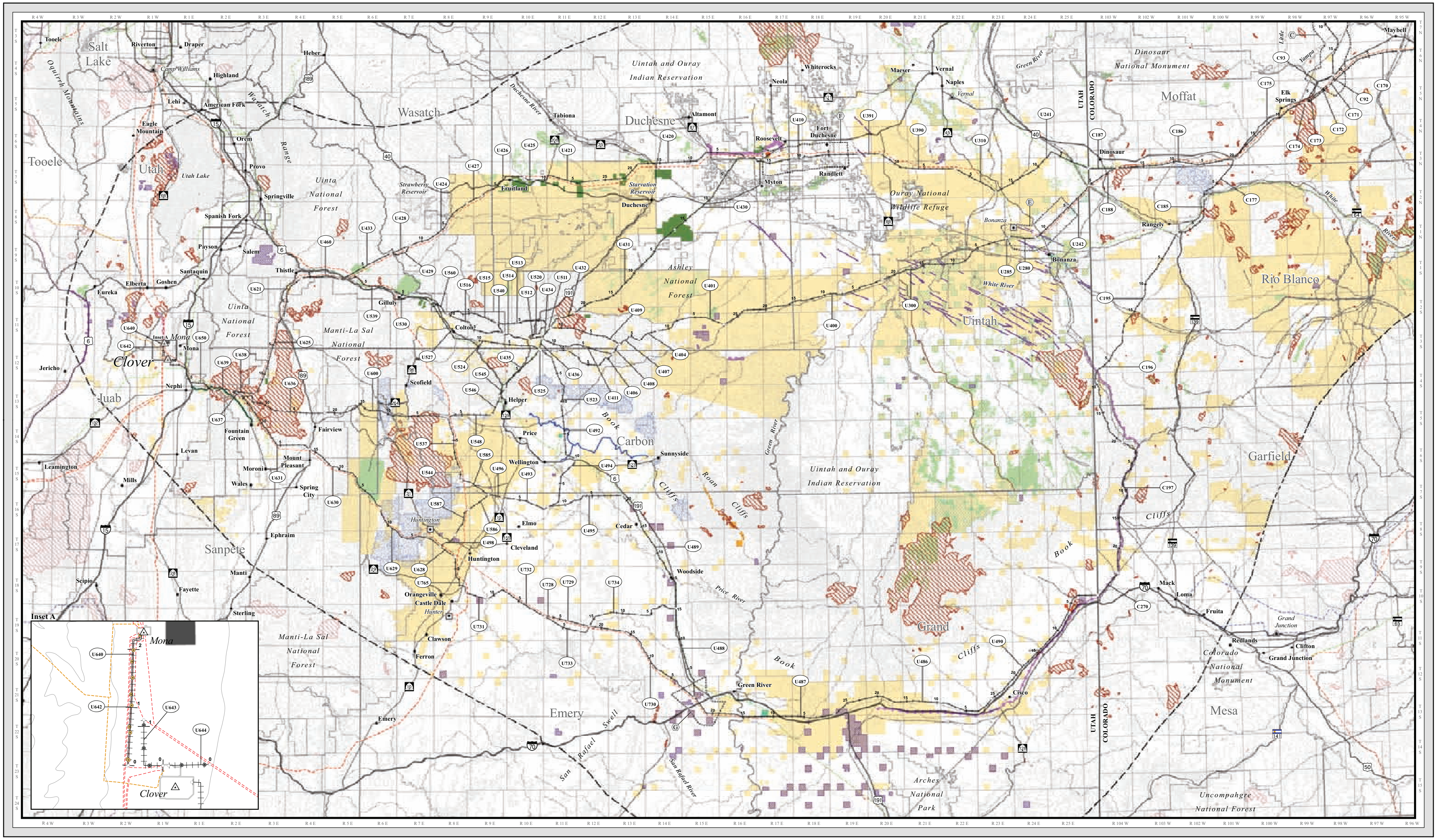
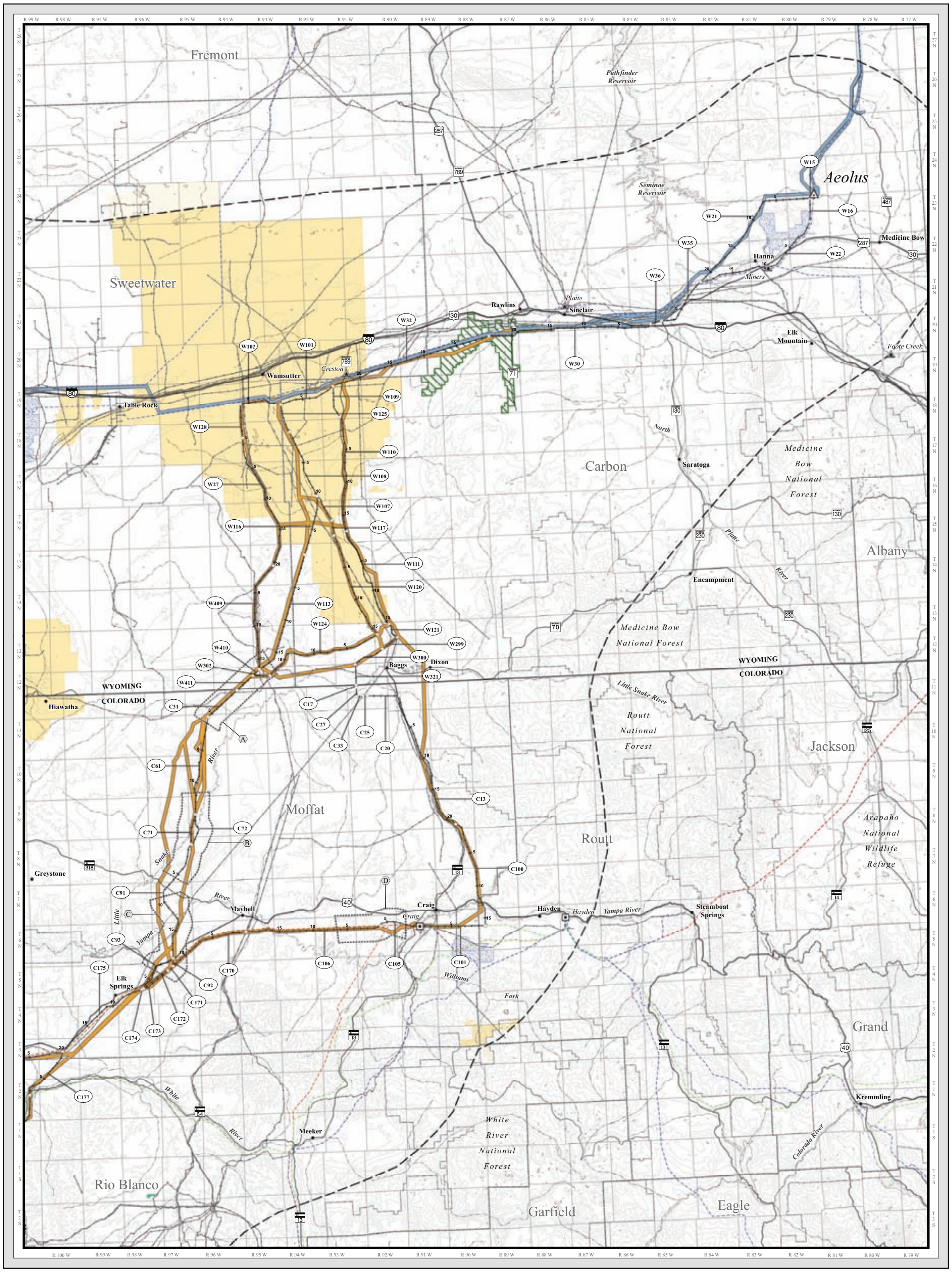


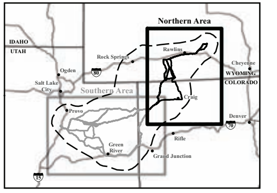


MV-26a

Reasonably Foreseeable Future Actions

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA
Map Index

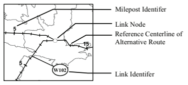


Resource Inventory

REASONABLY FORESEEABLE FUTURE ACTIONS[1,2]

✈	Aviation Facility	🟩	Local Development[3]
▲	Substation	🟨	Oil and/or Gas Development[4]
—	Highway or Road	🟩	Oil Shale and/or Tar Sand Development
—	Mona Pumped Storage Project Transmission Line	🟦	Narrows Dam and Reservoir Project
—	Energy Gateway West Transmission Line	🟦	Recreation
—	TransWest Express Transmission Line	🟩	Residential Subdivision
▨	Coal Mine	⬛	Utility
▨	Non-coal Mine	🟩	Vegetation Management Activity
🟥	Industrial Facility	▨	Wind Energy Facility[5]

Inventory Key



Project Features

[ ]	Project Area Boundary	┼┼┼	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚ A	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

●	City or Town	70	Interstate Highway
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▣	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—·—·—	River or Stream
- - -	230kV Transmission Line	☐	State Boundary
- - -	138kV Transmission Line	☐	County Boundary
┼┼┼	Railroad	☐	Jurisdictional Boundary
●—●	Pipeline		

Sources:

Proposed Helicopter Port, City of Naples 2009a; Woodside Carbon Sequestration Site and Substation, BLM 2012aw;
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Utah Oil and Gas Units, BLM 2012ad; Blacktail Ridge Exploratory Drill Project, URMCC 2013c;
Continental Divide-Creston Natural Gas Project, BLM 2007g; Monument Butte Oil and Gas Project, BLM 2012ag;
Monell/Arch Unit Infill Project, BLM 2012as; Enefit Oil Shale Development, Stantec 2012;
Colorado Oil Shale Research, Development, and Demonstration Lease Tracts, BLM 2010l; The Narrows Dam and Reservoir Project, SWCD 2012b;
Recreation Leases, SITLA 2013; Proposed Golf Course, City of Naples 2009b; Meadow Fork Trail, USFS 2011h;
Strawberry Highlands Residential Subdivision, Wasatch County 2012; Blue Castle Nuclear Power Plant, Emery County 2009a;
Victory Pipeline, Jones and DeMille Engineering 2013; Vegetation Management Activities, BLM 2012ac, BLM 2013k, USFS 2012l;
Quaking Aspen Mountain and White Mountain Wind Farms, BLM 2012at; Potential Wind Development Area, Emery County, 2011;
Sweeney Ranch Wind Farm, BLM 2009i; Hogback Ridge Wind Energy Project, BLM 2013h;
Public Land Survey System, BLM 2011; Contours generated by EPG, USGS NED 1 arc-second data 1999;
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DRAFT EIS
February 2014

Scale in Miles
0 3 6 12 18 Miles
1:380,160 or 1 inch = 6 miles

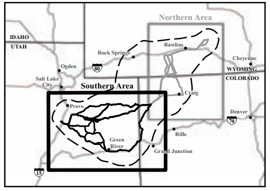
MV-26b

Reasonably Foreseeable Future Actions

ENERGY GATEWAY SOUTH TRANSMISSION PROJECT

SOUTHERN AREA | NORTHERN AREA

Map Index

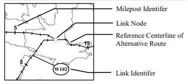


Resource Inventory

REASONABLY FORESEEABLE FUTURE ACTIONS[1,2]

✈	Aviation Facility	🟩	Local Development[3]
▲	Substation	🟨	Oil and/or Gas Development[4]
▬	Highway or Road	🟩	Oil Shale and/or Tar Sand Development
▬	Mona Pumped Storage Project Transmission Line	🟦	Narrows Dam and Reservoir Project
▬	Energy Gateway West Transmission Line	🟦	Recreation
▬	TransWest Express Transmission Line	🟩	Residential Subdivision
▨	Coal Mine	■	Utility
▨	Non-coal Mine	🟩	Vegetation Management Activity
🟥	Industrial Facility	▨	Wind Energy Facility[5]

Inventory Key



Project Features

[ ]	Project Area Boundary	+++++	Alternative Route
△	Substation (Project Terminal)	●—●	345kV Proposed Rebuild (Segments 4a and 4b - Inset A)
⬚ Ⓐ	Series Compensation Station Siting Area	●—●	345kV Proposed Reroute (Segment 4c - Inset A)

General Reference

●	City or Town	70	Interstate Highway
▲	Substation	40	U.S. Highway
■	Power Plant	24	State Highway
- - -	500kV Transmission Line	▨	Lake or Reservoir
- - -	345kV Transmission Line	—·—	River or Stream
- - -	230kV Transmission Line	□	State Boundary
- - -	138kV Transmission Line	□	County Boundary
+-+-+	Railroad	□	Jurisdictional Boundary
●—●	Pipeline		

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